STR-DB870/DB1070

SERVICE MANUAL

Ver. 1.6 2005.09

US Model
E Model
Chinese Model
STR-DB1070
Canadian Model
AEP Model
UK Model
STR-DB870/DB1070

Photo: STR-DB870

This receiver incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

** "DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output (Models of area code U only).

Amplifier section

POWER OUTPUT
Models of area code U, CA
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
100 W + 100 W
(4 ohms 20 Hz – 20 kHz, THD 0.09 %)
90 W + 90 W
Reference Power Output
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
STR-DB1070: FRONT[1]:100 W + 100 W
CENTER[1]: 100 W
SURR[1]: 100 W + 100 W
SURR BACK[1]: 100 W
STR-DB870: FRONT[1]: 100 W + 100 W
CENTER[1]: 100 W
SURR[1]: 100 W + 100 W
(4 ohms 20 Hz – 20 kHz, THD 0.09 %)
STR-DB1070: FRONT:[1] 90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W
SURR BACK[1]: 90 W
STR-DB870: FRONT[1]:90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W

Models of other area code
Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
STR-DB1070: 100 W + 100 W[2]
90 W + 90 W[3]
STR-DB870: 100 W + 100 W[2]
(4 ohms 1 kHz, THD 0.7 %)
STR-DB1070: 90 W + 90 W[2]
80 W + 80 W[3]
STR-DB870: 100 W + 100 W[2]

Reference Power Output[2]
(8 ohms 1 kHz, THD 0.7 %)
STR-DB1070: FRONT[1]: 100 W + 100 W
CENTER[1]: 100 W
SURR[1]: 100 W + 100 W
SURR BACK[1]: 100 W
STR-DB870: FRONT[1]: 100 W + 100 W
CENTER[1]: 100 W
SURR[1]: 100 W + 100 W
(4 ohms 1 kHz, THD 0.7 %)
STR-DB1070: FRONT[1]: 90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W
SURR BACK[1]: 90 W
STR-DB870: FRONT[1]: 100 W + 100 W
CENTER[1]: 100 W
SURR[1]: 100 W + 100 W
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
STR-DB1070: FRONT[1]: 90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W
SURR BACK[1]: 90 W
STR-DB870: FRONT[1]: 90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W
(4 ohms 20 Hz – 20 kHz, THD 0.09 %)
STR-DB1070: FRONT[1]: 80 W + 80 W
CENTER[1]: 80 W
SURR[1]: 80 W + 80 W
SURR BACK[1]: 80 W
STR-DB870: FRONT[1]: 90 W + 90 W
CENTER[1]: 90 W
SURR[1]: 90 W + 90 W

1) Depending on the sound field settings and the source, there may be no sound output.

2) Measured under the following conditions:

Area code	Power requirements
E	240 V AC, 50 Hz
CN, SP, CEL, KR	230 V AC, 50 Hz
TW	110 V AC, 60 Hz

3) Measured under the following conditions:

Area code	Power requirements
CN	220 V AC, 50 Hz

Frequency response

PHONO	RIAA equalization curve ±0.5 dB
CD/SACD, TAPE, MD/DAT, MD/TAPE, TV/SAT, DVD/LD, VIDEO 1, 2, 3	10 Hz – 100 kHz ±3 dB (with sound field, equalizer, and bass boost bypassed)

– Continued on next page –

FM STEREO/FM-AM RECEIVER

9-873-842-17 **Sony Corporation**
2005I05-1 **Audio Group**
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Published by Sony Engineering Corporation

SONY®

Inputs (Analog)

PHONO	Sensitivity: 2.5 mV Impedance: 50 kilohms S/N[4]: 86 dB (A, 2.5 mV[5])
MULTI CH IN (1, 2), CD/SACD, TAPE, MD/DAT, MD/TAPE, DVD/LD, TV/SAT, VIDEO 1, 2, 3	Sensitivity: 150 mV Impedance: 50 kilohms S/N[4]: 96 dB (A, 150 mV[5])

4) INPUT SHORT.
5) Weighted network, input level.

Inputs (Digital)

DVD/LD (Coaxial)	Sensitivity: – Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
DVD/LD, TV/SAT, MD/DAT, MD/TAPE (Optical)	Sensitivity: – Impedance: – S/N: 100 dB (A, 20 kHz LPF)

Outputs

TAPE, MD/DAT, MD/TAPE (REC OUT), VIDEO 1, 2 (AUDIO OUT)	Voltage: 150 mV Impedance: 1 kilohms
FRONT L/R, CENTER, SURROUND L/R, SURROUND BACK, SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms

EQ

BASS:	99 Hz~1.0 kHz (21 steps)
MID:	198 Hz~10 kHz (37 steps)
TREBLE:	1.0 kHz~10 kHz (23 steps)
Gain levels:	±10 dB, 1 dB step

FM tuner section

Tuning range 87.5 - 108.0 MHz

Antenna terminals 75 ohms, unbalanced

Sensitivity
Mono: 18.3 dBf, 2.2 µV/75 ohms
Stereo: 38.3 dBf, 22.5 µV/75 ohms

Usable sensitivity 11.2 dBf, 1 µV/75 ohms

S/N
Mono: 76 dB
Stereo: 70 dB

Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response 30 Hz – 15 kHz, +0.5/–2 dB

Selectivity 60 dB at 400 kHz

AM tuner section

Tuning range
Models of area code U, CA
With 10-kHz tuning scale: 530 – 1.710 kHz[6]
With 9-kHz tuning scale: 531 – 1.710 kHz[6]
Models of area code E
With 10-kHz tuning scale: 530 – 1.610 kHz[6]
With 9-kHz tuning scale: 531 – 1.602 kHz[6]
Models of area code CN, SP, CEL, TW, KR
With 9-kHz tuning scale: 531 – 1.602 kHz

Antenna Loop antenna

Usable sensitivity 50 dB/m (at 1,000 kHz or 999 kHz)

S/N 54 dB (at 50 mV/m)

Harmonic distortion 0.5 % (50 mV/m, 400 kHz)

Selectivity
At 9 kHz: 35 dB
At 10 kHz: 40 dB

6) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. Hold down TUNING – and press **I**/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs
Video: 1 Vp-p, 75 ohms
S-video: Y: 1 Vp-p, 75 ohms
C: 0.286 Vp-p, 75 ohms

Outputs
Video: 1 Vp-p, 75 ohms
S-video: Y: 1 Vp-p, 75 ohms
C: 0.286 Vp-p, 75 ohms

General

Power requirements

Area code	Power requirements
U, CA	120 V AC, 60 Hz
CEL	230 V AC, 50/60 Hz
CN, SP	220 – 230 V AC, 50/60 Hz
E	120/220/240 V AC, 50/60 Hz
TW	110 V AC, 60 Hz
KR	220 V – 230 V AC, 60 Hz

Power consumption

Area code	Power consumption
U	STR-DB1070: 300 W
CA	STR-DB1070: 420 VA STR-DB870: 390 VA
CEL	STR-DB1070: 240 W STR-DB870: 230 W
CN, SP, E, TW, KR	STR-DB1070: 240 W

AC outlets

Area code	AC outlets
U, CA	2 switched, 120 W/1A MAX
SP, CEL, KR	1 switched, 100 W MAX
CN, E, TW	2 switched, 100 W MAX

Dimensions 430 × 161 × 401 mm including projecting parts and controls

Mass (Approx.) 16.0 kg

Supplied accessories
FM wire antenna (1)
AM loop antenna (1)
- Models of area code U, CA
  Audio/video/control S connecting cord (1)
  Control S connecting cord (1)
- STR-DB1070 only
  - Models of area code U, CA
    Remote commander RM-PP505L (1)
    R6 (size-AA) batteries (2)
  - Models of other area codes
    Remote commander RM-LP205 (1)
    R6 (size-AA) batteries (3)
- STR-DB870 only
  - Models of area code CA
    Remote commander RM-PP505 (1)
    R6 (size-AA) batteries (2)
  - Models of area code CEL
    Remote commander RM-U305 (1)
    R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

- Abbreviation
  CA : Canadian model
  CEL : AEP and UK models
  CN : Chinese model
  KR : Korean model
  SP : Malaysia and Singapore models
  TW : Taiwan model
  U : US model

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

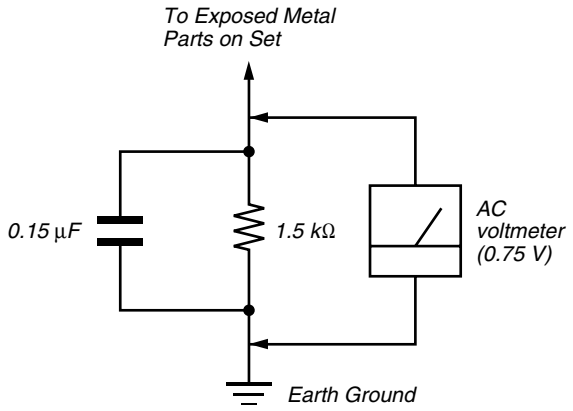

Fig. A. Using an AC voltmeter to check AC leakage.

与安全有关的零部件须知

在原理图上用阴影及 ⚠ 标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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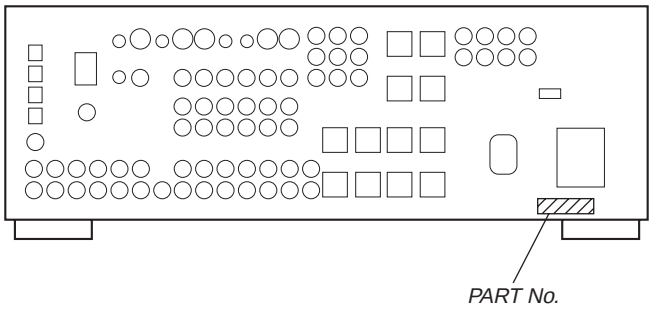
SECTION 1
SERVICING NOTES

- **MODEL IDENTIFICATION**

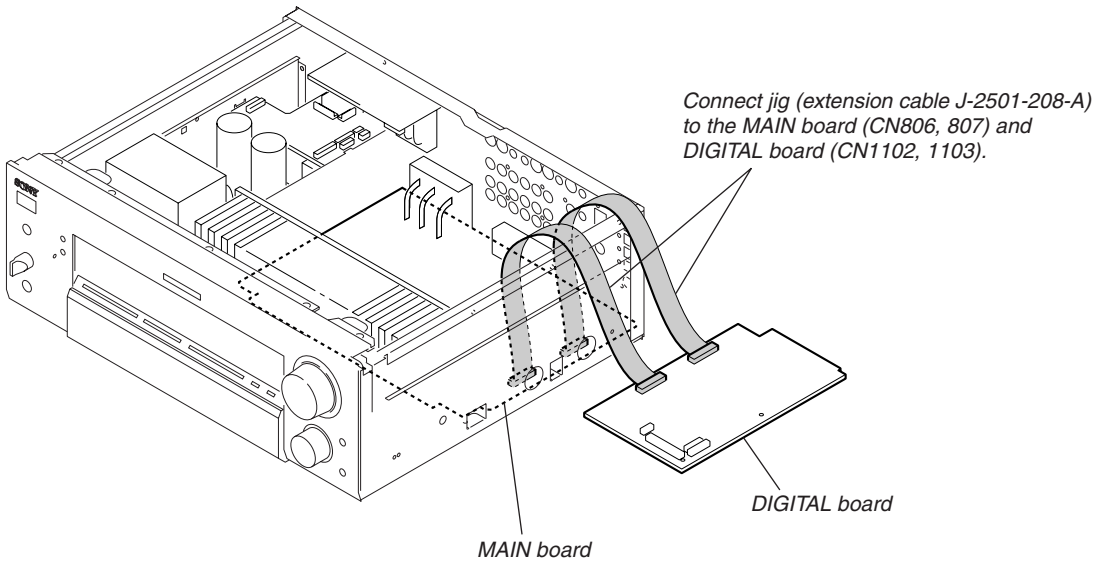
– Rear Panel –



Model	PART No.
DB1070 : US model	4-233-610-0
DB1070 : Canadian model	4-233-610-1
DB1070 : Malaysia and Singapore models	4-233-610-2
DB1070 : Chinese model	4-233-610-3
DB1070 : AEP and UK models	4-233-610-5
DB1070 : 120 V AC area and 240 V AC area in E models	4-233-610-7
DB1070 : Taiwan model	4-233-610-8
DB1070 : Korean model	4-233-610-9
DB870 : Canadian model	4-233-630-1
DB870 : AEP and UK models	4-233-630-2

SERVICE POSITION

In checking the DIGITAL board, prepare jig (extension cable J-2501-208-A: 200 mm 21 core).

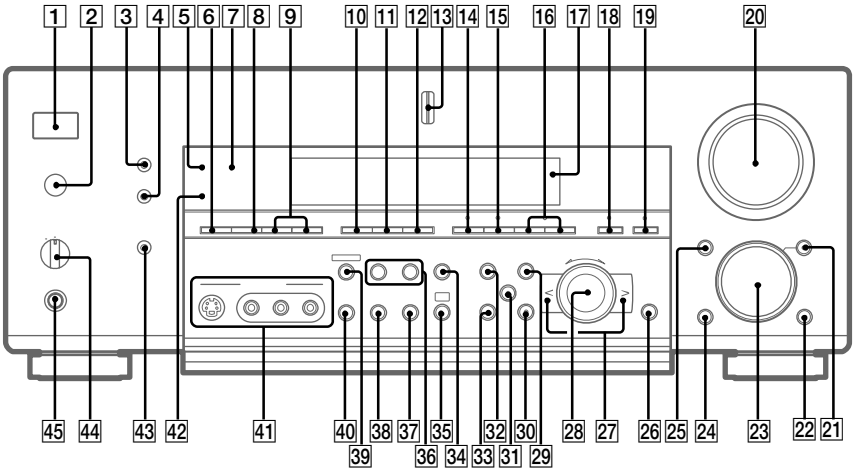

Connect jig (extension cable J-2501-208-A) to the MAIN board (CN806, 807) and DIGITAL board (CN1102, 1103).
DIGITAL board
MAIN board

SECTION 2
GENERAL

This section is extracted from instruction manual.

LOCATION OF CONTROLS

– Front Panel –



2CH 15 (30)
2ND ROOM (STR-DB1070 only) 35 (27)
6.1CH DECODING 10 (31)
6.1CH DECODING indicator 7 (31)
A.F.D. 14 (30)
AUDIO SPLIT 21 (25)
CINEMA STUDIO EX 11 (28)
Cursor buttons (<, >) 27 (19, 33, 35, 36, 43, 45)
DIGITAL CONCERT HALL 12 (29)
DIMMER 4 (27)
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SURR 31 (33)
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TUNING +/– 36 (39)
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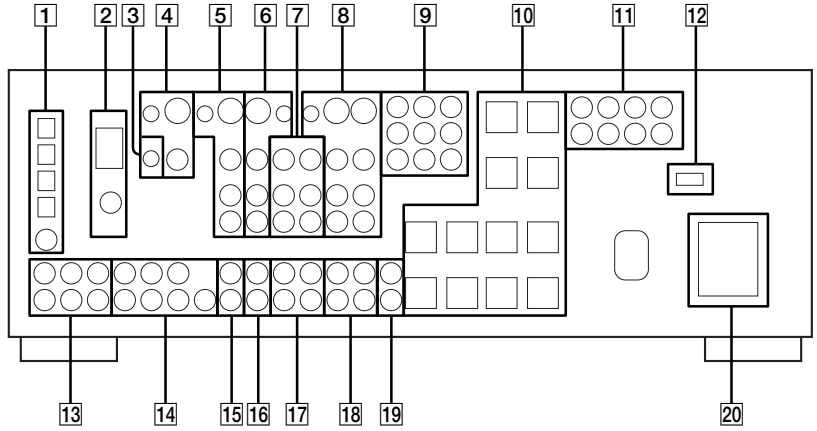
I/⏻ (power) 1 (18, 23, 24, 37, 38)

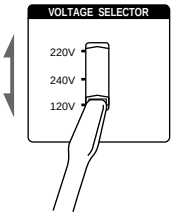
– Rear Panel –



1 DIGITAL jack
2 ANTENNA terminal
3 CONTROL A1 II jack
4 MONITOR jack
5 TV/SAT jack
6 DVD/LD jack
7 VIDEO 2 jack
8 VIDEO 1 jack
9 COMPONENT VIDEO jack (US and Canadian models)
10 SPEAKER terminal
11 PRE OUT jack
12 IMPEDANCE SELECTOR switch
13 MULTI CH IN jack (STR-DB870)
MULTI CH IN 2 jack (STR-DB1070)
14 MULTI CH IN 1 jack (STR-DB1070)
15 PHONO jack
16 CD/SACD jack
17 MD/TAPE jack (STR-DB870)
MD/DAT jack (STR-DB1070)
18 TAPE jack (STR-DB1070)
19 2ND ROOM jack (STR-DB1070)
20 AC OUTLET

Setting the voltage selector (120 V AC area and 240 V AC area in E models)

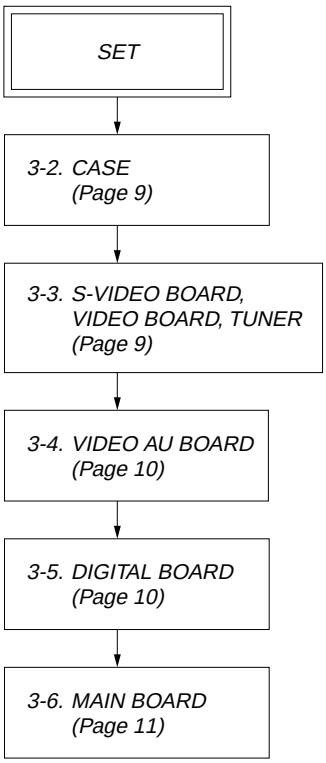
If your receiver has a voltage selector on the rear panel, check that the voltage selector is set to the local power supply voltage. If not, use a screwdriver to set the selector to the correct position before connecting the AC power cord to a wall outlet.



SECTION 3
DISASSEMBLY

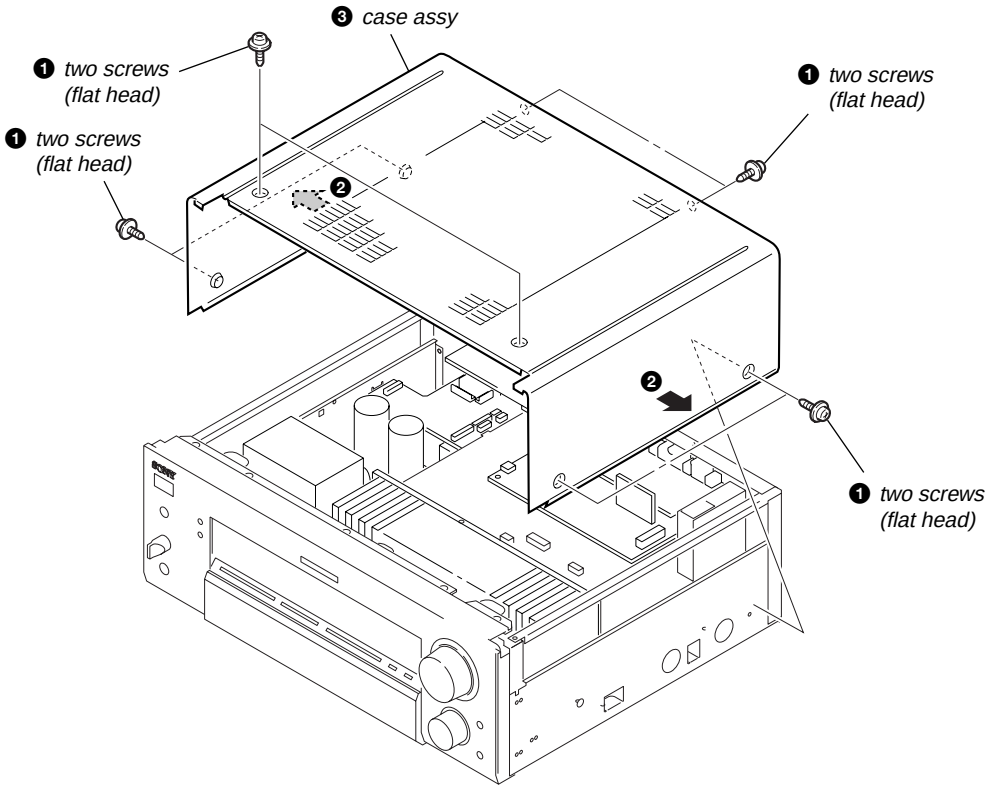
• This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

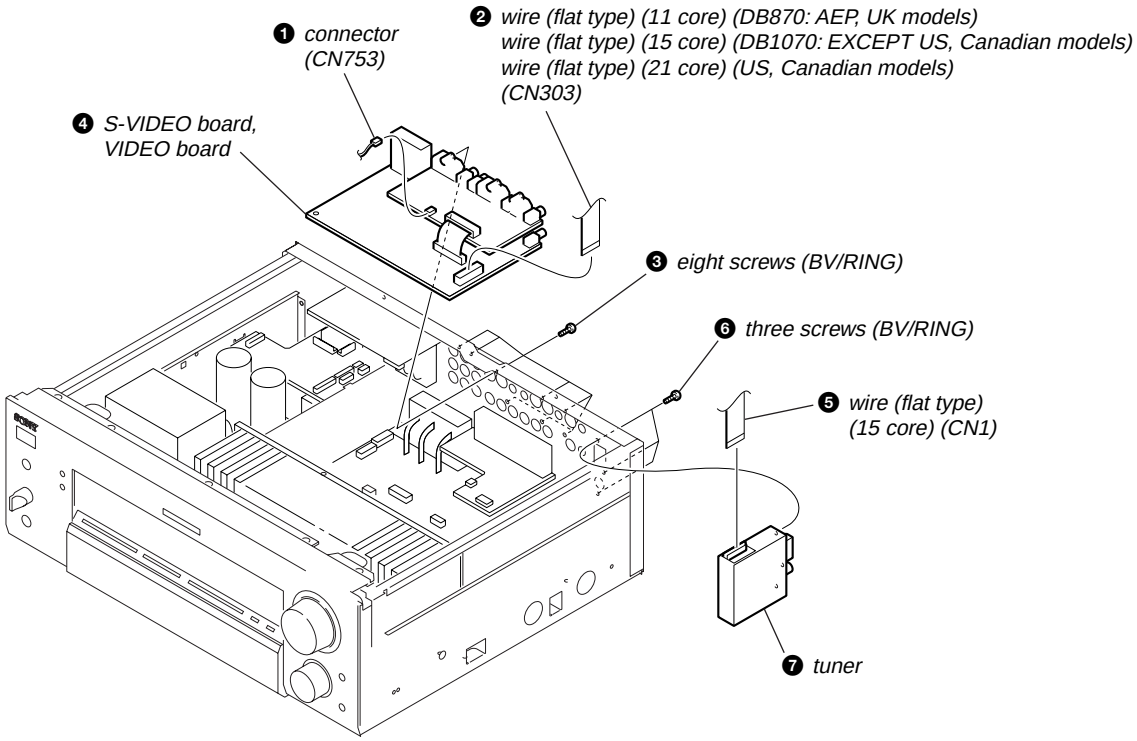


Note: Follow the disassembly procedure in the numerical order given.

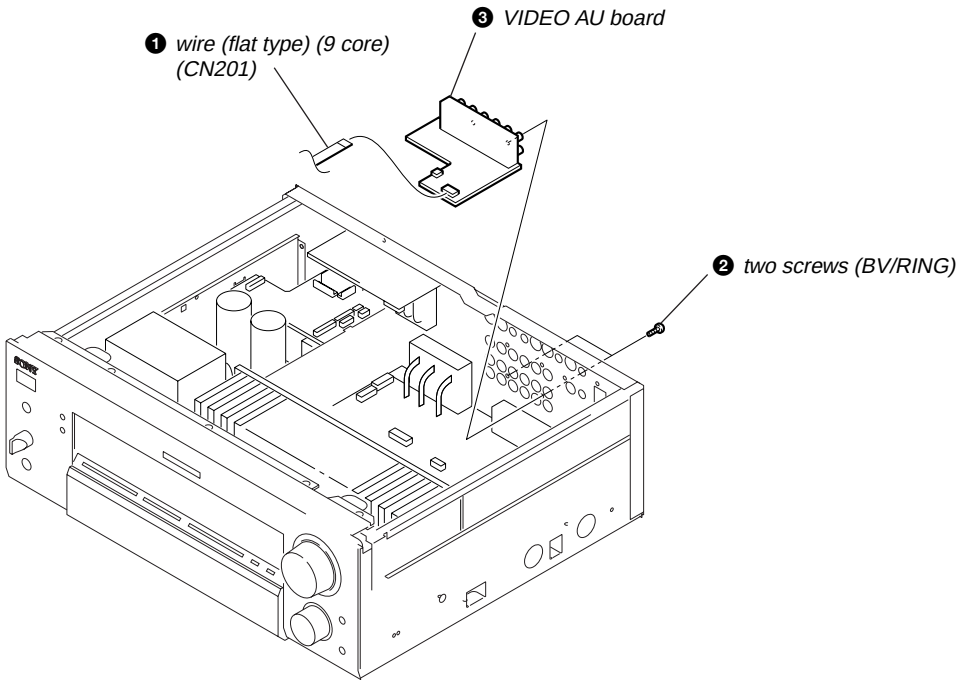
3-2. CASE



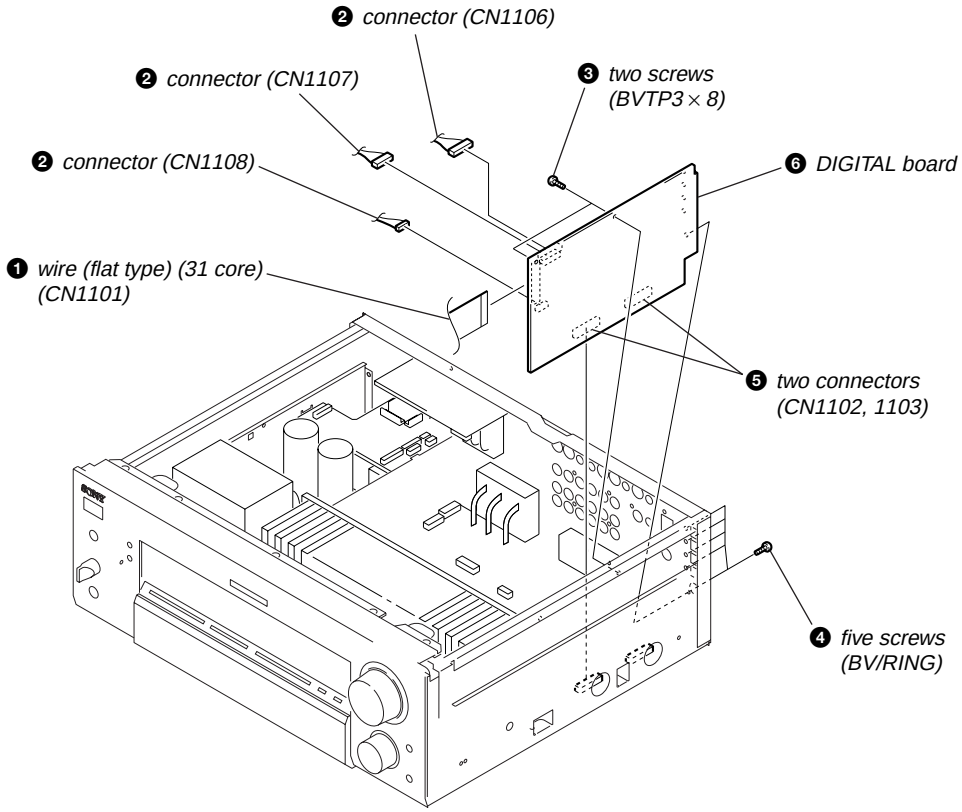
3-3. S-VIDEO BOARD, VIDEO BOARD, TUNER


❶ connector (CN753)
❷ wire (flat type) (11 core) (DB870: AEP, UK models)
wire (flat type) (15 core) (DB1070: EXCEPT US, Canadian models)
wire (flat type) (21 core) (US, Canadian models)
(CN303)
❹ S-VIDEO board, VIDEO board
❸ eight screws (BV/RING)
❻ three screws (BV/RING)
❺ wire (flat type) (15 core) (CN1)
❼ tuner

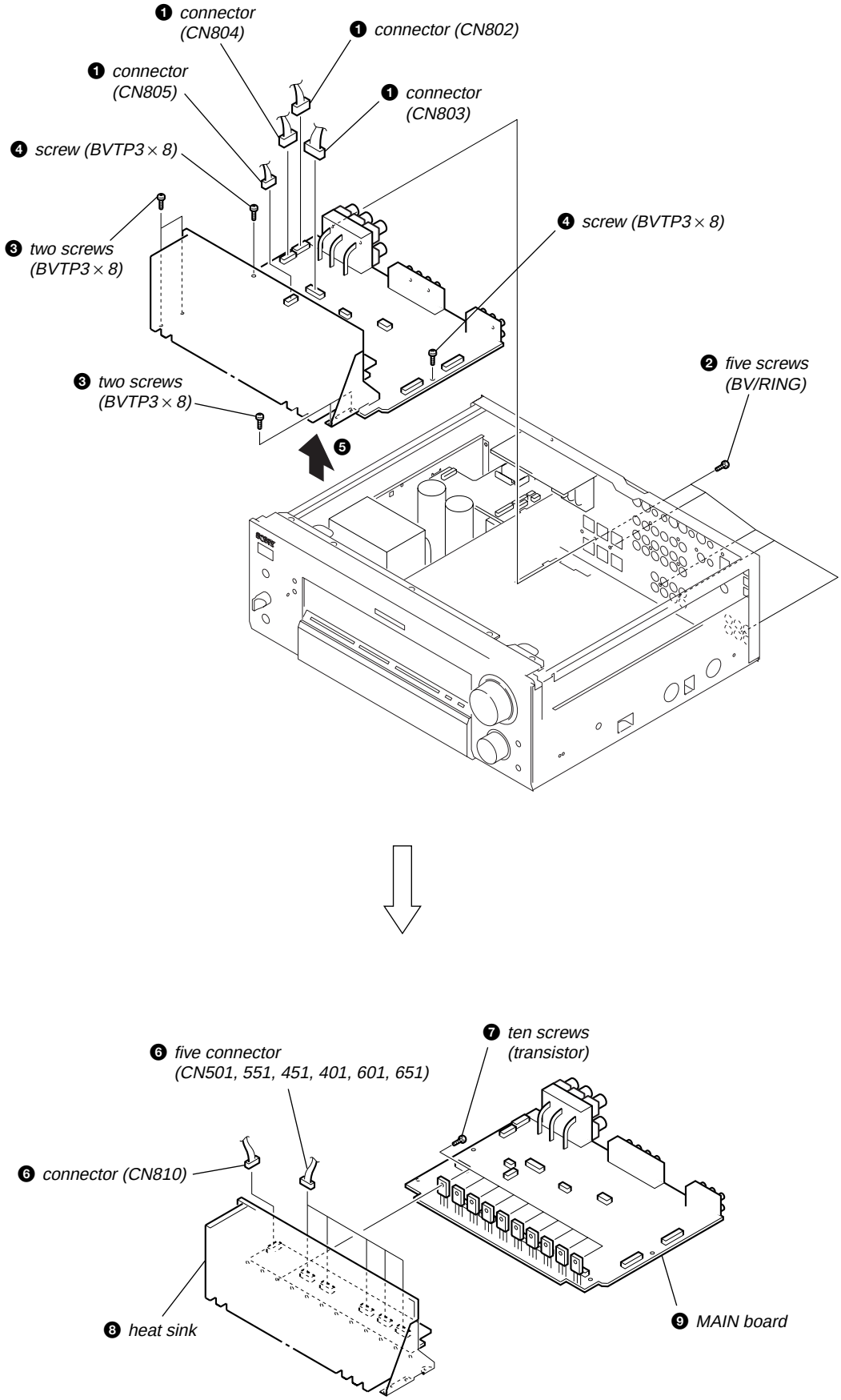
3-4. VIDEO AU BOARD



3-5. DIGITAL BOARD



3-6. MAIN BOARD


❶ connector (CN804)
❶ connector (CN802)
❶ connector (CN805)
❶ connector (CN803)
❹ screw (BVTP3 × 8)
❹ screw (BVTP3 × 8)
❸ two screws (BVTP3 × 8)
❸ two screws (BVTP3 × 8)
❷ five screws (BV/RING)
❺
❻ five connector (CN501, 551, 451, 401, 601, 651)
❼ ten screws (transistor)
❻ connector (CN810)
❽ heat sink
❾ MAIN board

SECTION 4
TEST MODE

Factory Set Mode

All preset contents are reset to the default setting.

Procedure:

While pressing the SET UP and DIMMER buttons, press the I/⏻ button to turn on the main power. The message "TUNER FACTORY PRESET" appears and the present contents are reset to the default values.

All Clear Mode

All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

While pressing the A.F.D. and MODE + buttons, press the I/⏻ button to turn on the main power. The message "MEMORY CLEARED" appears and the memories are reset to the default values.

Sound Field Clear Mode

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

While pressing the MODE + button, press the I/⏻ button to turn on the main power. The message "S.F Initialize" appears and initialization is performed.

Fluorescent Indicator Tube Test Mode

All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

1. While pressing the A.F.D. and DIMMER buttons, press the I/⏻ button to turn on the main power.
2. All segments turn on at the same time, then each segment turns on press the A.F.D. button.

Demonstration Mode

Procedure:

While pressing the SET UP button simultaneously, press the I/⏻ button to turn on the main power. The set enters the DEMO mode.

Wait a while, then the demonstration starts. If the I/⏻ button is pressed often the demonstration has started, the power is turned off, and the demonstration resumes if the I/⏻ button is pressed again.

AM Channel Step 9 kHz/10 kHz Selection Mode (US, Canadian and E Models)

Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.

Procedure:

1. Set the FUNCTION to AM. Press the I/⏻ button to turn off the main power.
2. While depressing the PRESET TUNING + button, press the I/⏻ button to turn on the main power.
3. Either the message "AM 9 kHz Step" or "AM 10 kHz Step" appears. Select the desired step.

Version Mode

When this mode is used, the microprocessor version number is displayed.

Procedure:

Press three buttons of SHIFT, MODE + and TUNING – simultaneously. The microprocessor version number appears.

DSP Test Mode

This test is conducted to check if the DSP functions normally.

Procedure:

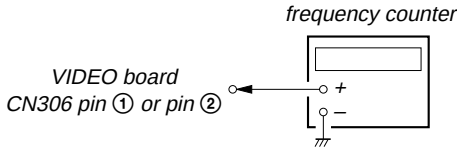
1. While pressing the DISPLAY and TUNING + buttons, press the I/⏻ button to turn on the main power.
2. If the DSP is normal, the message "RWS 1:000 2:000 SYNC" appears.
3. If the DSP is abnormal, characters other than 0 appears at the 000 part of the message.

Note: RWS characters of the message correspond to the digits of 000. RW means read/write from the system controller (IC1703) to the DSP, and S means the communication between DSP and S-RAM (IC1502, IC1602). For example, if the writing of the system controller failed, 0*0 (* is a character other than 0) appears. Also, 1 and 2 indicates DSP1 (IC1501) and DSP2 (IC1601), and 1:000 and 2:000 show the test results of DSP1 and DSP2 respectively.

SECTION 5
ELECTRICAL ADJUSTMENT

OSD Adjustment
(STR-DB1070 Model)

Connection



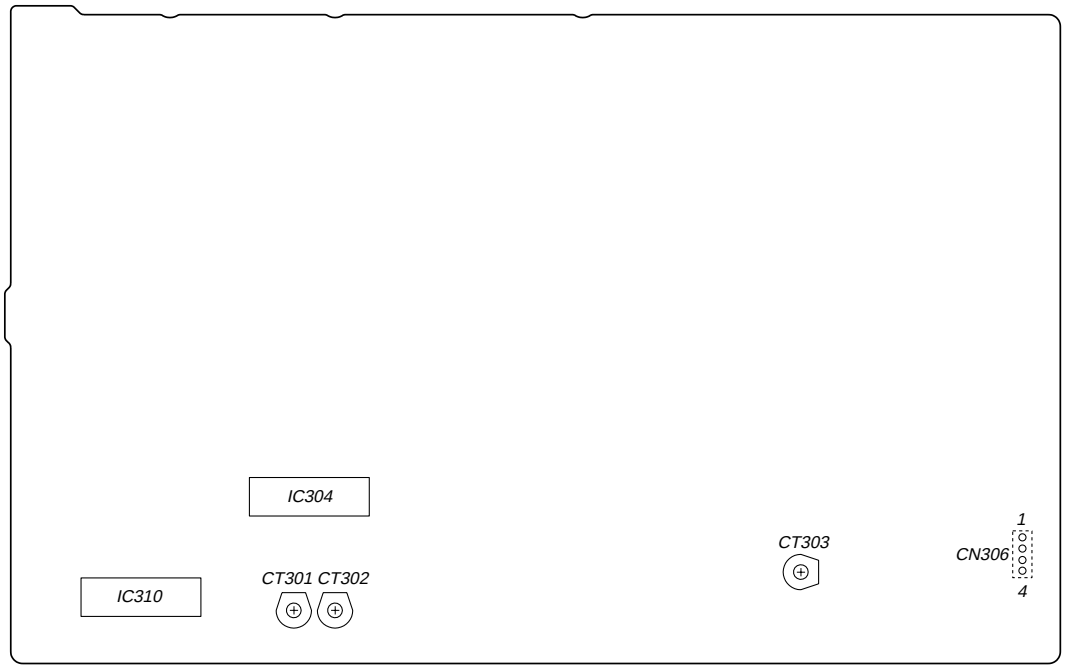
Procedure:

1. Short the CN306 pin ④ on the VIDEO board to the GND.
2. Connect a frequency counter to the CN306 pin ② on the VIDEO board.
3. Press the I/⏻ button to turn on the main power.
4. Press the SET UP button.
5. Press the < or > button to display “COLOR”.
6. Turn the JOG DIAL to display “NTSC”.
7. Press the > button to display “OSD H.POSITION”.
8. Adjust the CT302 so that the frequency counter reading is 3.57954 MHz.
9. Press the < button to display “NTSC”.
10. Turn the JOG DIAL to display “PAL”.
11. Press the > button to display “OSD H.POSITION”.
12. Adjust the CT301 so that the frequency counter reading is 4.43361 MHz.
13. Press the I/⏻ button to turn off the main power.
14. Connect a frequency counter to the CN306 pin ① on the VIDEO board.
15. Press the I/⏻ button to turn on the main power.
16. Press the SET UP button.
17. Press the > button to display “OSD V.POSITION”.
18. Adjust the CT303 so that the frequency counter reading is 7.20 MHz.

Note: The steps 5, 6 and 9 to 12 should be performed to the models except for the US and Canadian.

Adjustment and Connection Loacation:

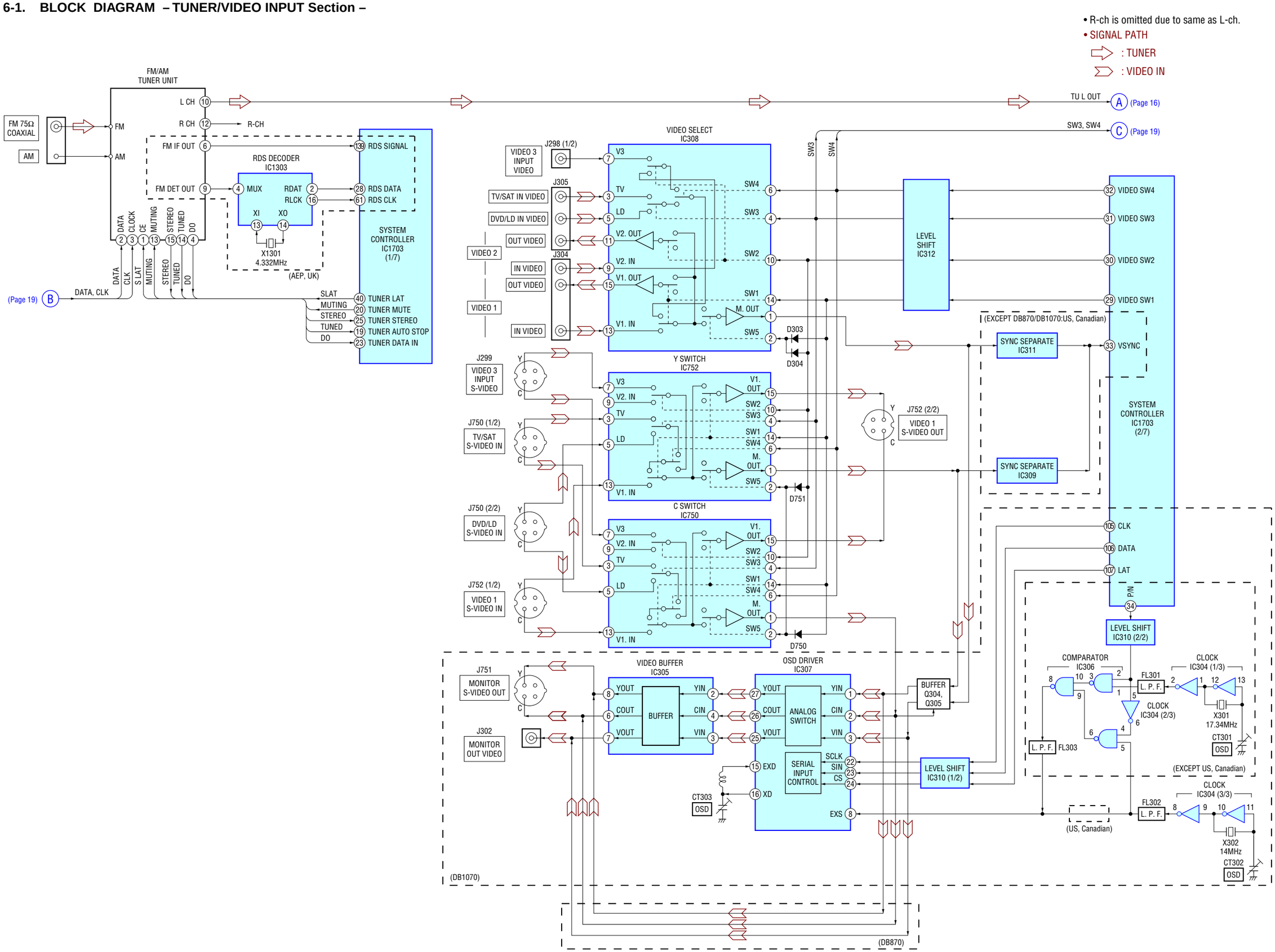
– VIDEO BOARD (Component Side) –



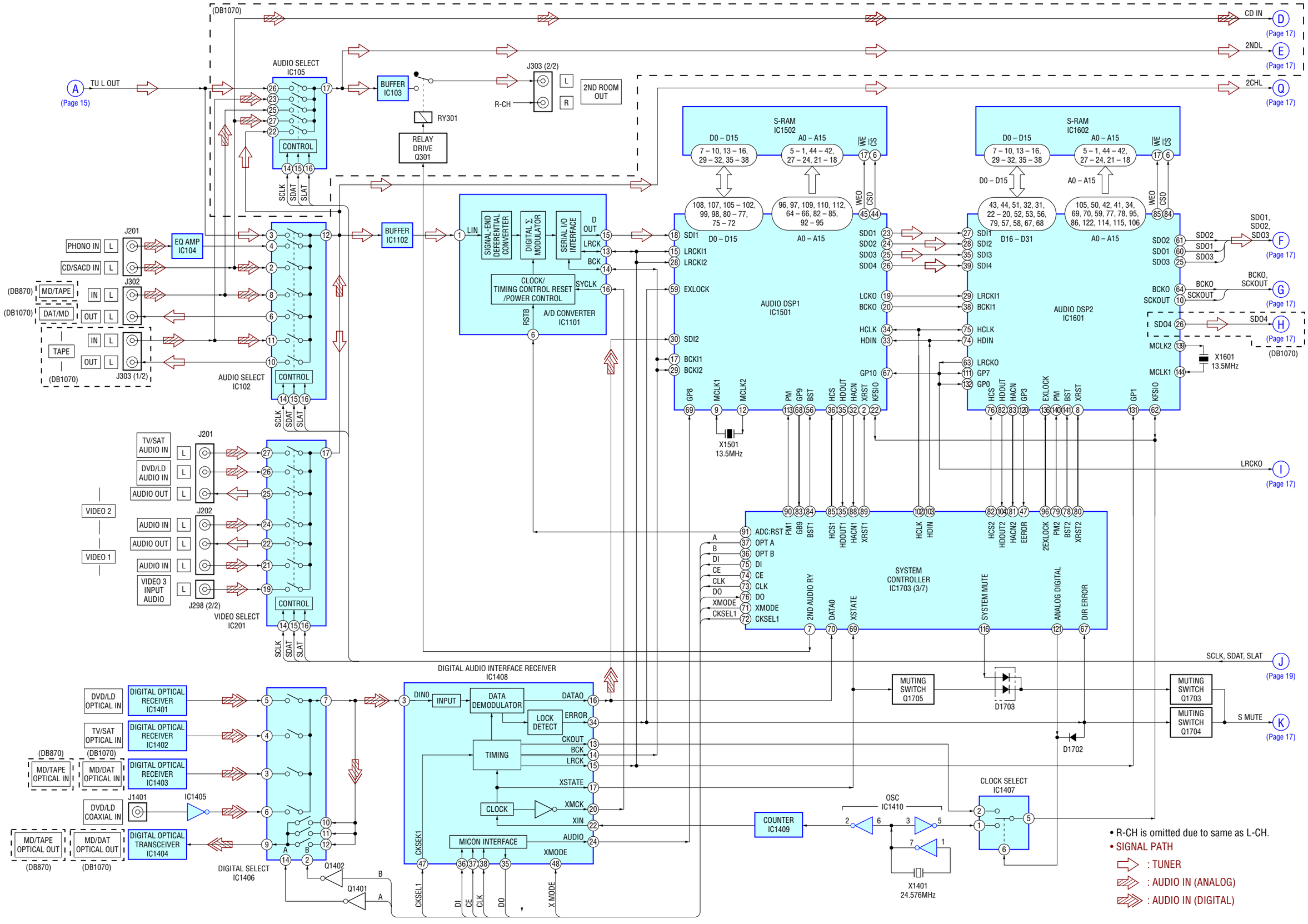
MEMO

SECTION 6
DIAGRAMS

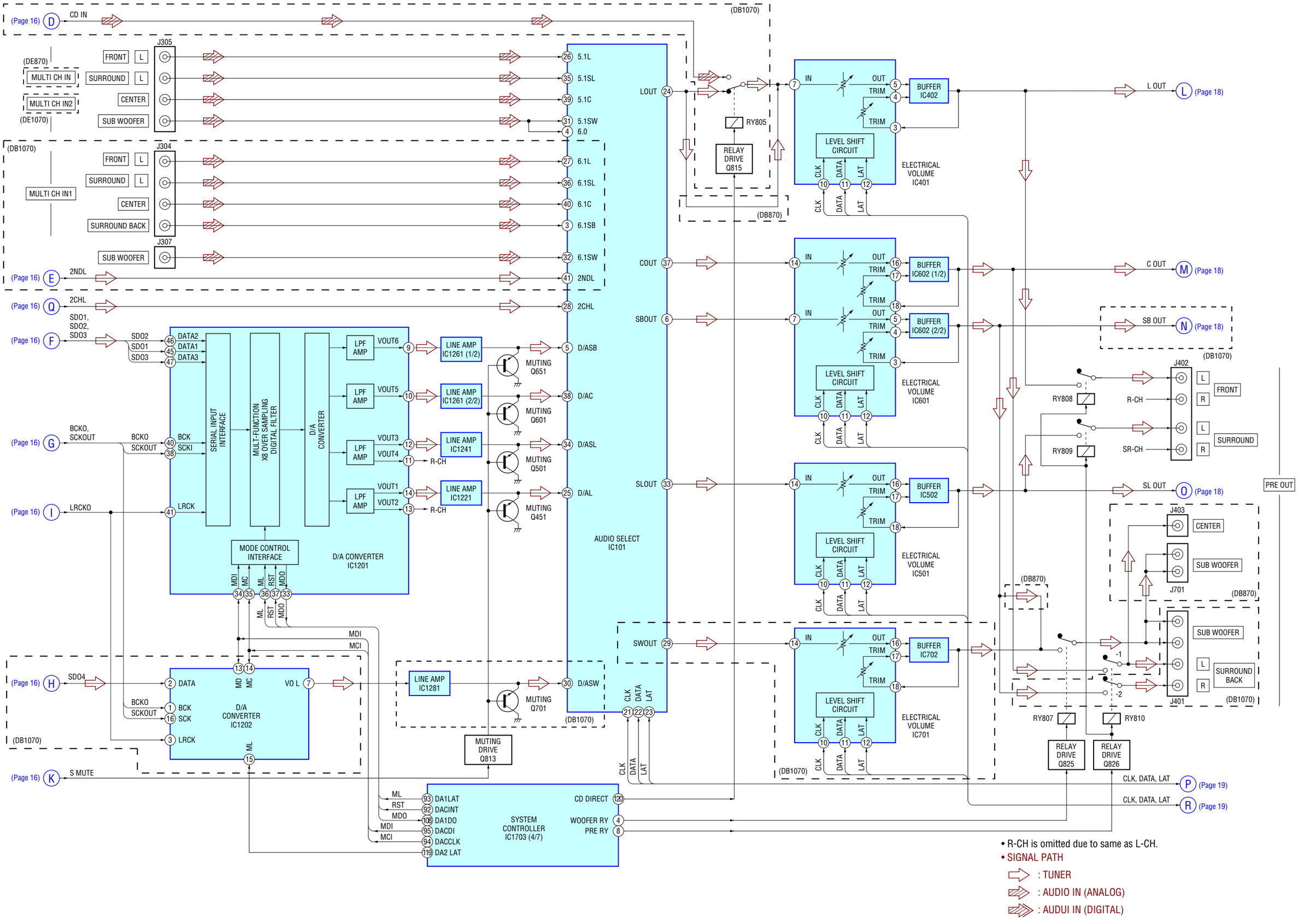
6-1. BLOCK DIAGRAM – TUNER/VIDEO INPUT Section –



6-2. BLOCK DIAGRAM – AUDIO DSP Section –

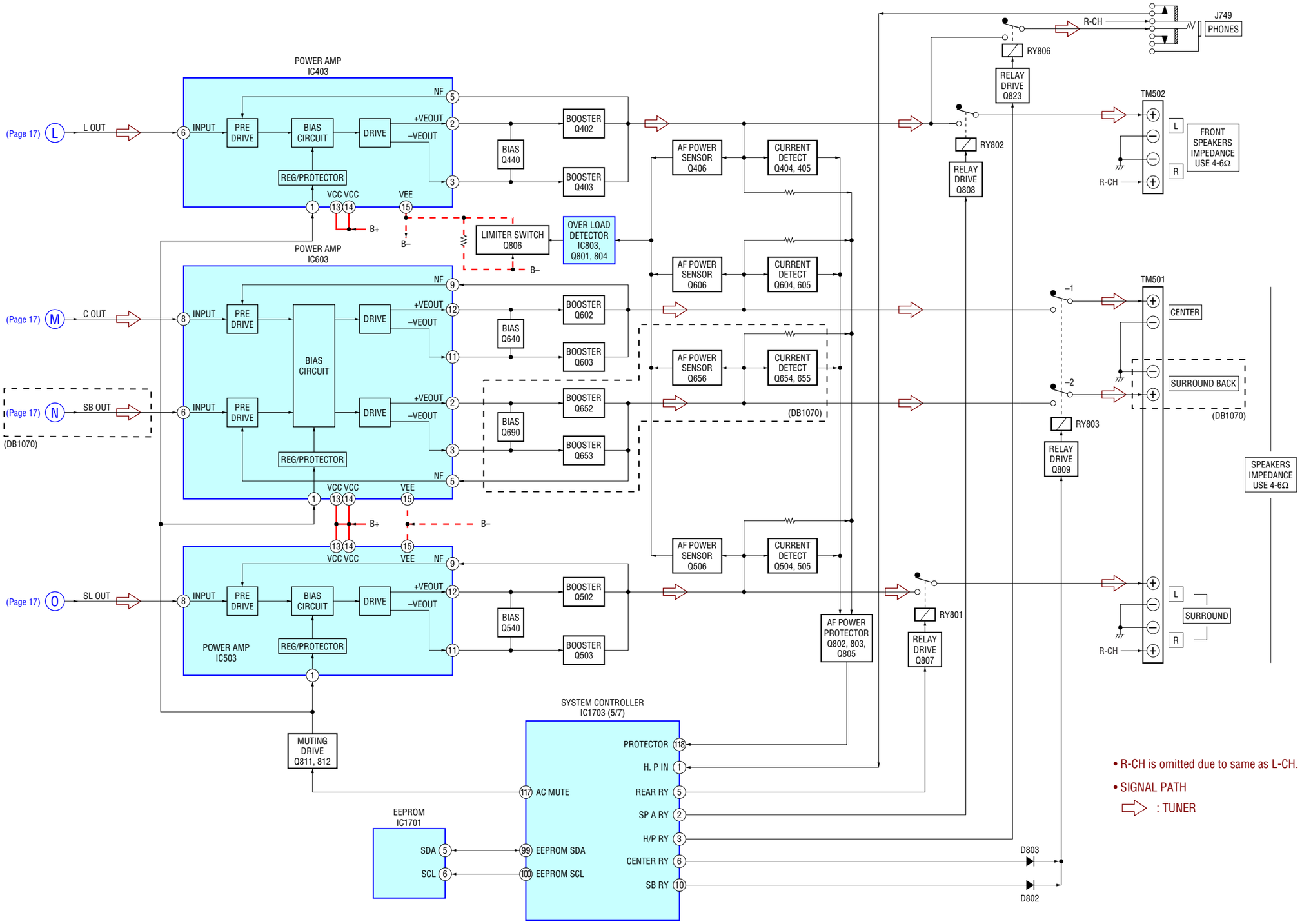


6-3. BLOCK DIAGRAM – AUDIO CONTROL Section –



- R-CH is omitted due to same as L-CH.
- SIGNAL PATH
  - : TUNER
  - : AUDIO IN (ANALOG)
  - : AUDUI IN (DIGITAL)

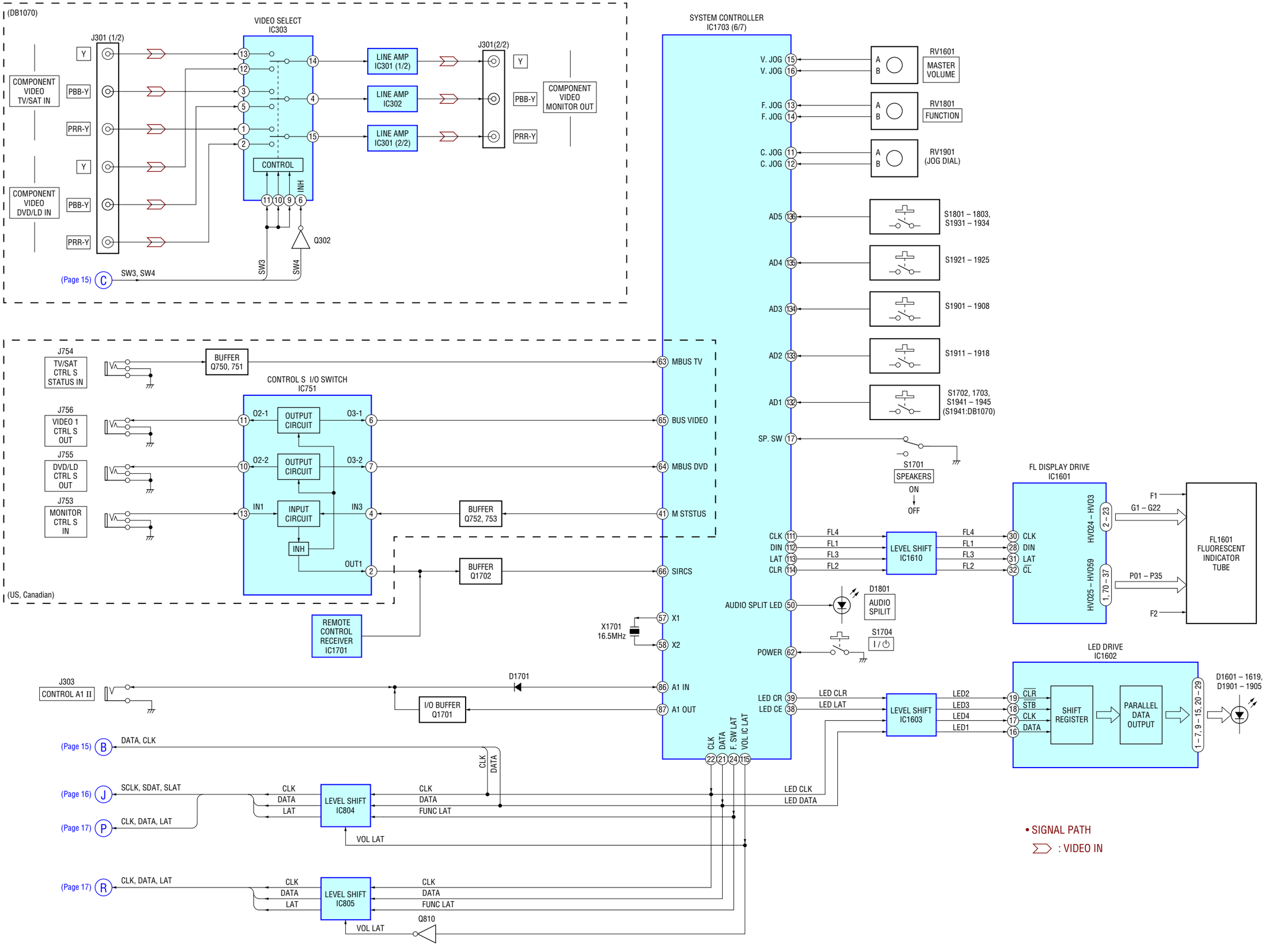
6-4. BLOCK DIAGRAM – POWER AMP Section –



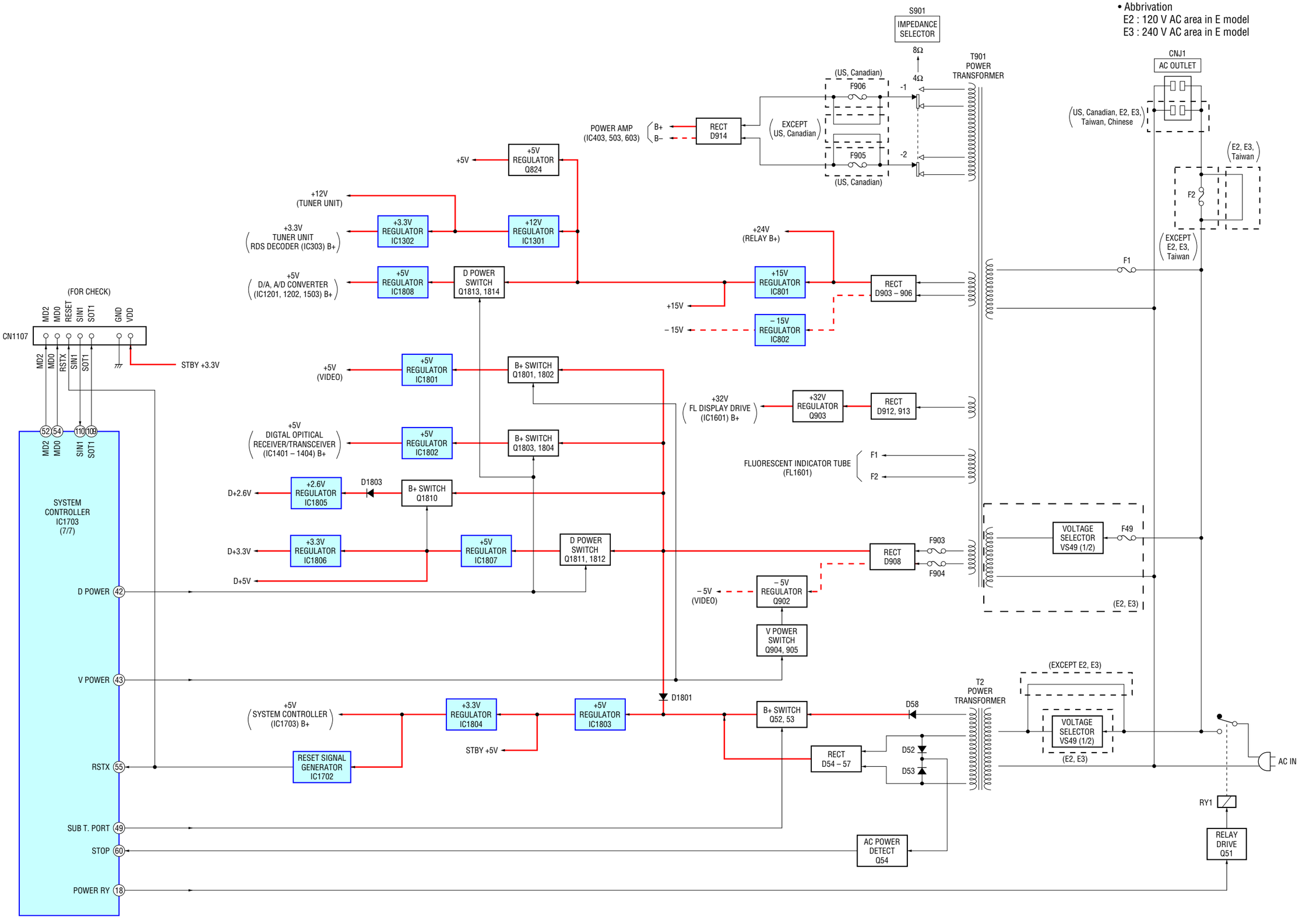
• R-CH is omitted due to same as L-CH.

• SIGNAL PATH
⇨ : TUNER

6-5. BLOCK DIAGRAM – DISPLAY/KEY CONTROL Section –



6-6. BLOCK DIAGRAM – POWER SUPPLY Section –



6-7. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

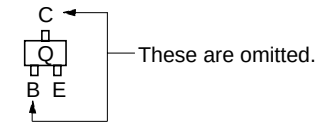
Note on Printed Wiring Board:

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ▬ : Pattern from the side which enables seeing.

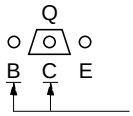
(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

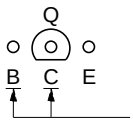
- Indication of transistor



These are omitted.



These are omitted.



These are omitted.

Note on Schematic Diagram:

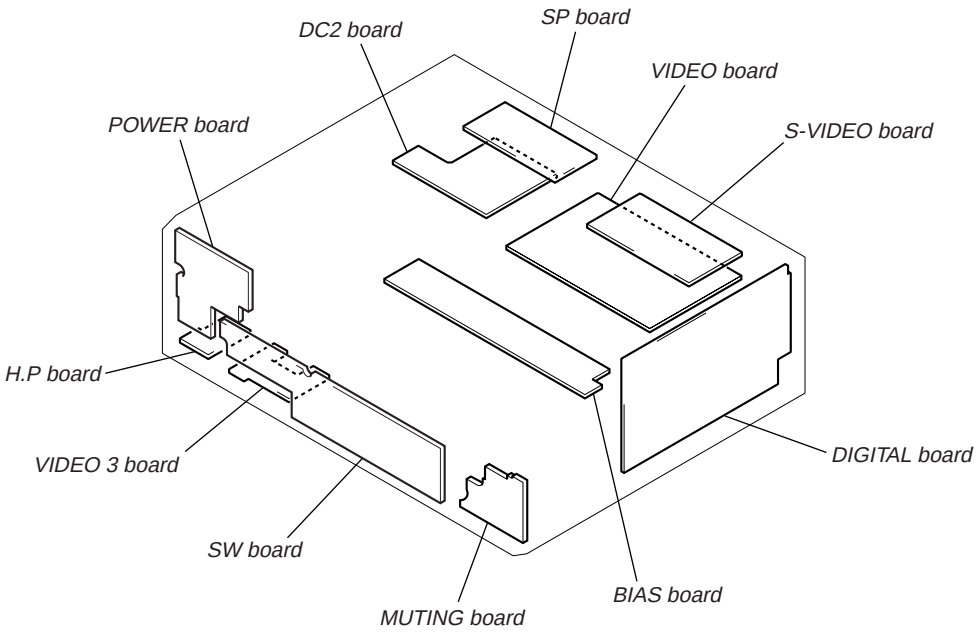
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- ▭ : panel designation.

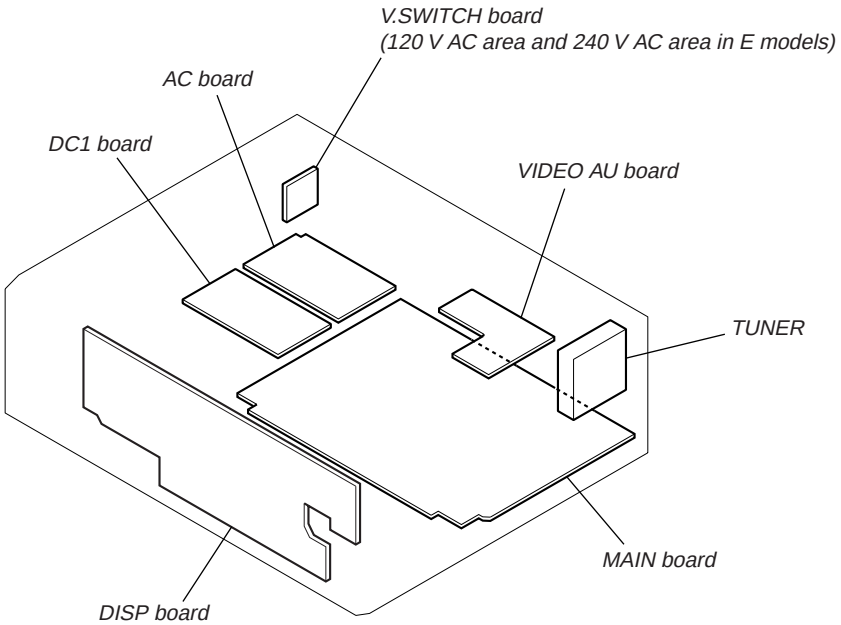
Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

- ▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER
  ＊ : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : TUNER
  ⇨ : AUDIO IN (ANALOG)
  ⇨ : AUDIO IN (DIGITAL)
  ⇨ : VIDEO IN
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  E2 : 120 V AC area in E model
  E3 : 240 V AC area in E model
  KR : Korean model
  MY : Malaysia model
  SP : Singapore model
  TW : Taiwan model

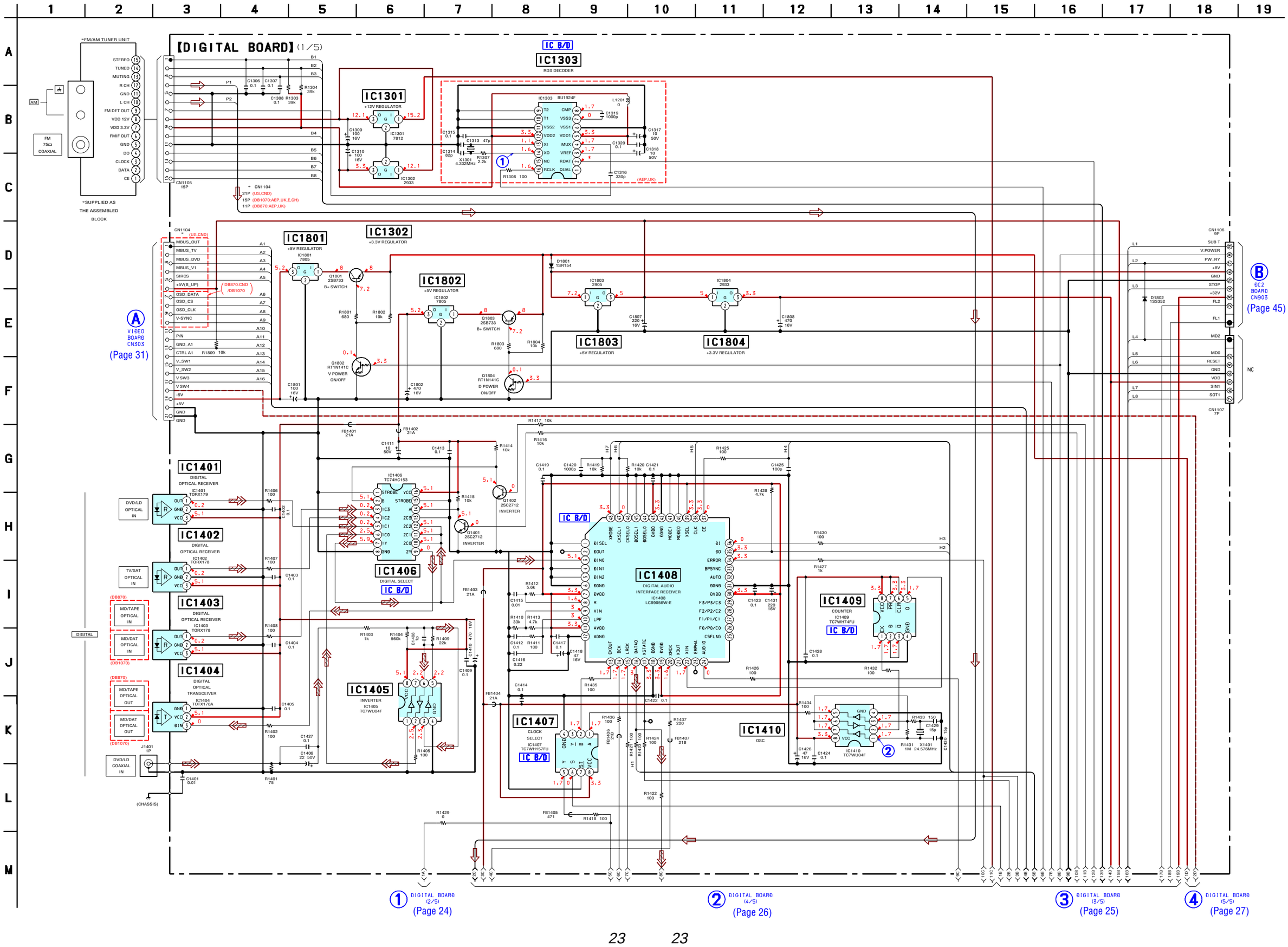
- **Circuit Boards Location**



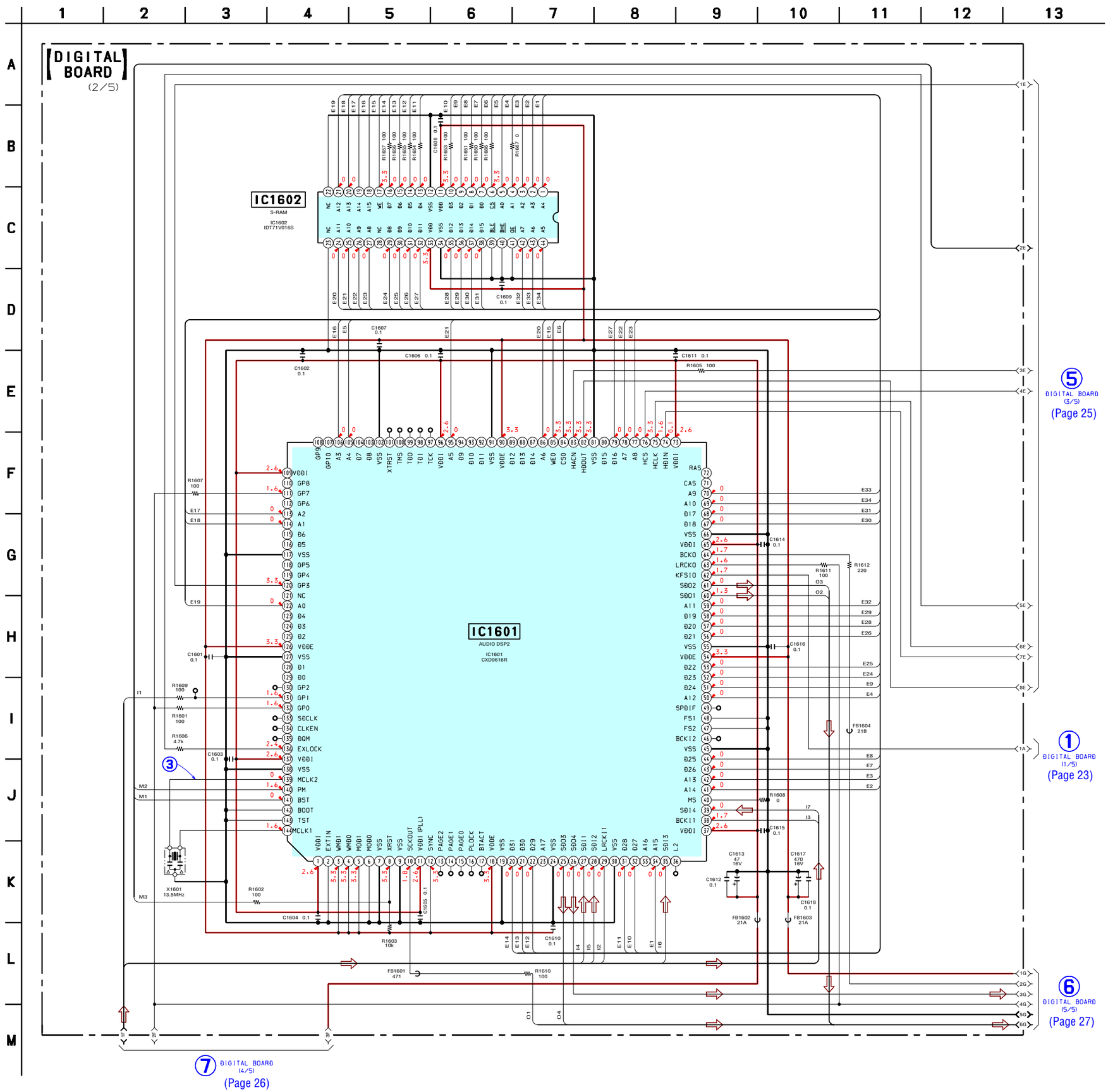


6-8. SCHEMATIC DIAGRAM – DIGITAL Board (1/5) –

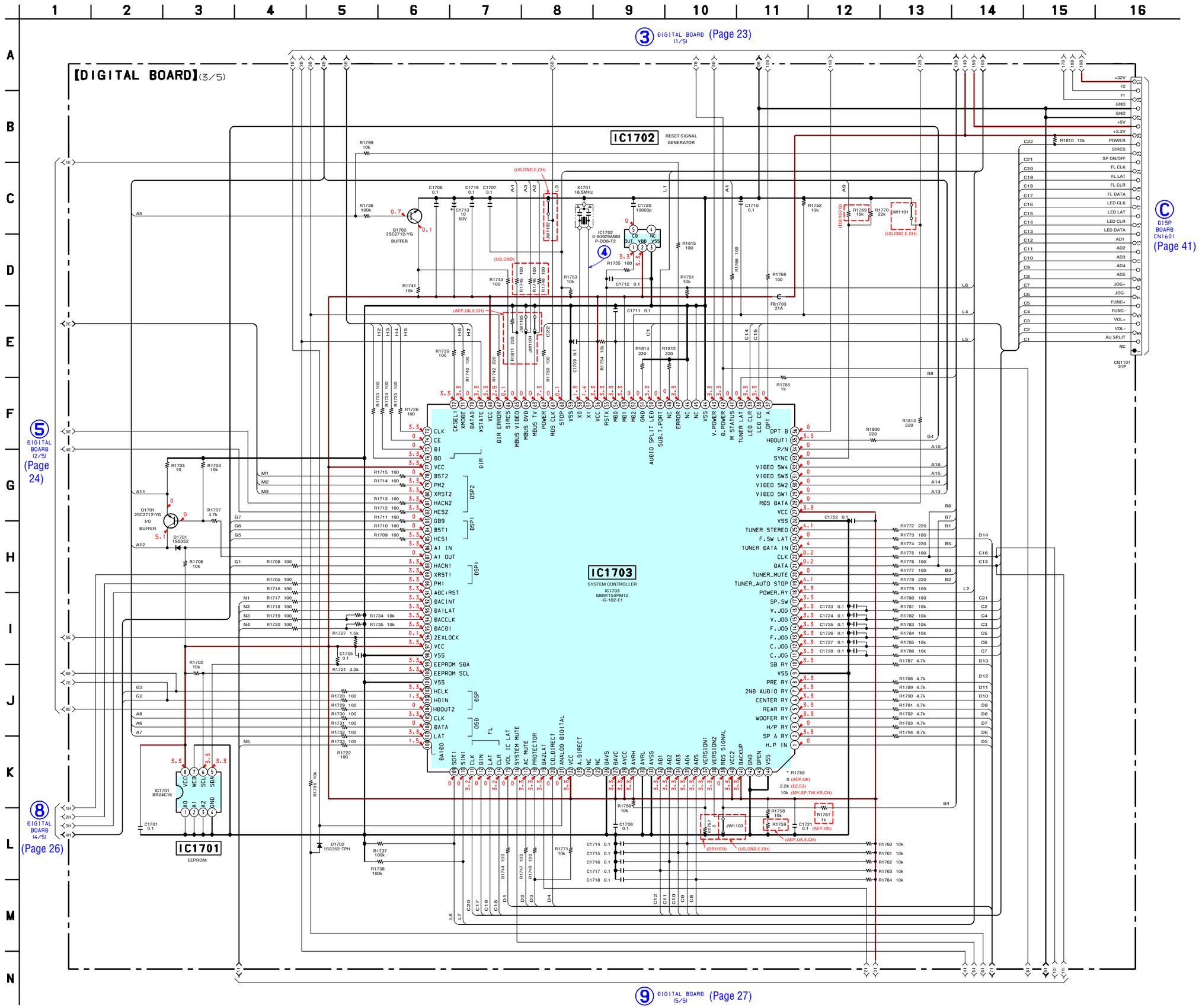
• See page 46 for Waveforms. • See page 46 for IC Block Diagrams.



6-9. SCHEMATIC DIAGRAM – DIGITAL Board (2/5) – • See page 46 for Waveform.

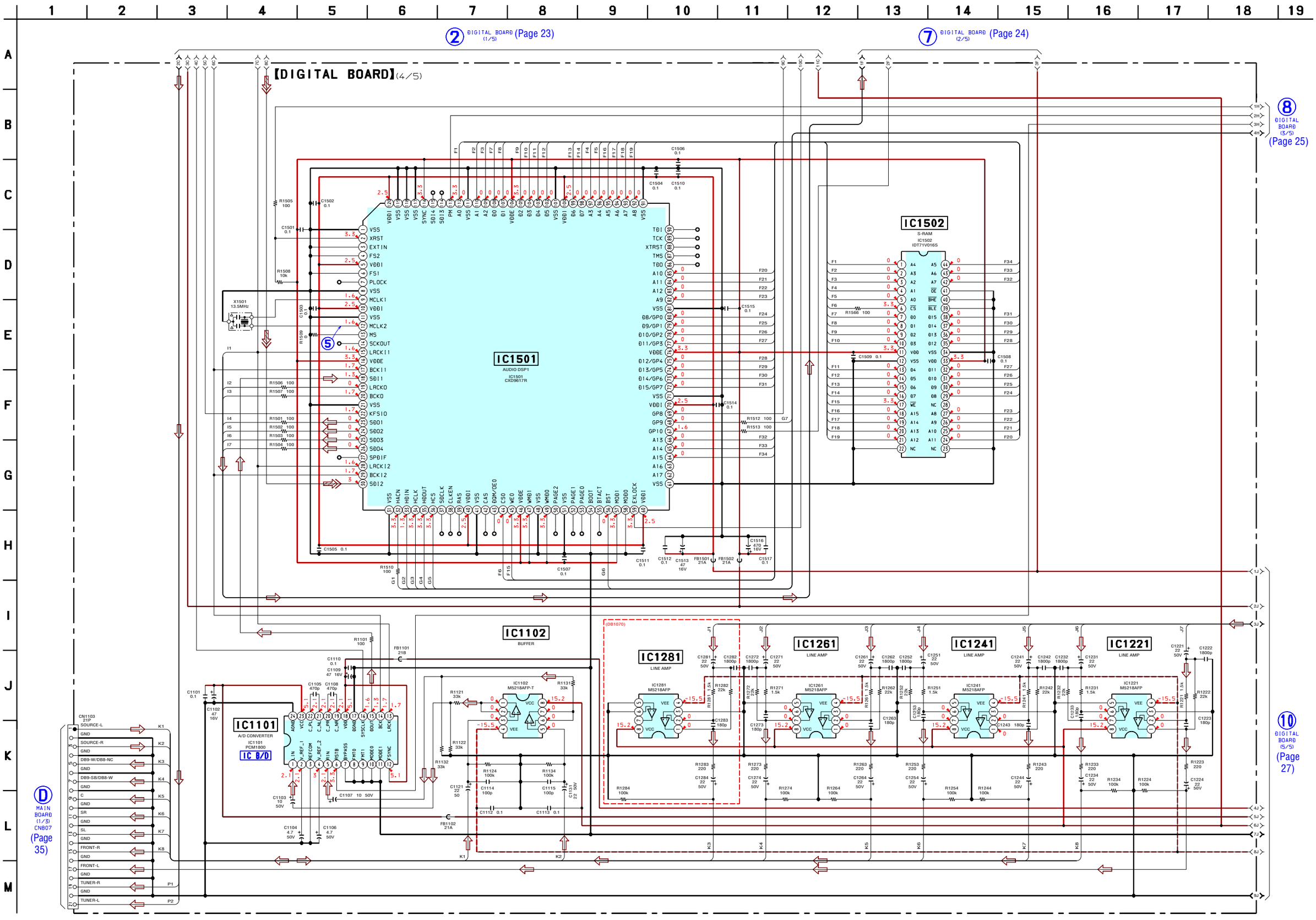


6-10. SCHEMATIC DIAGRAM – DIGITAL Board (3/5) – • See page 46 for Waveform.

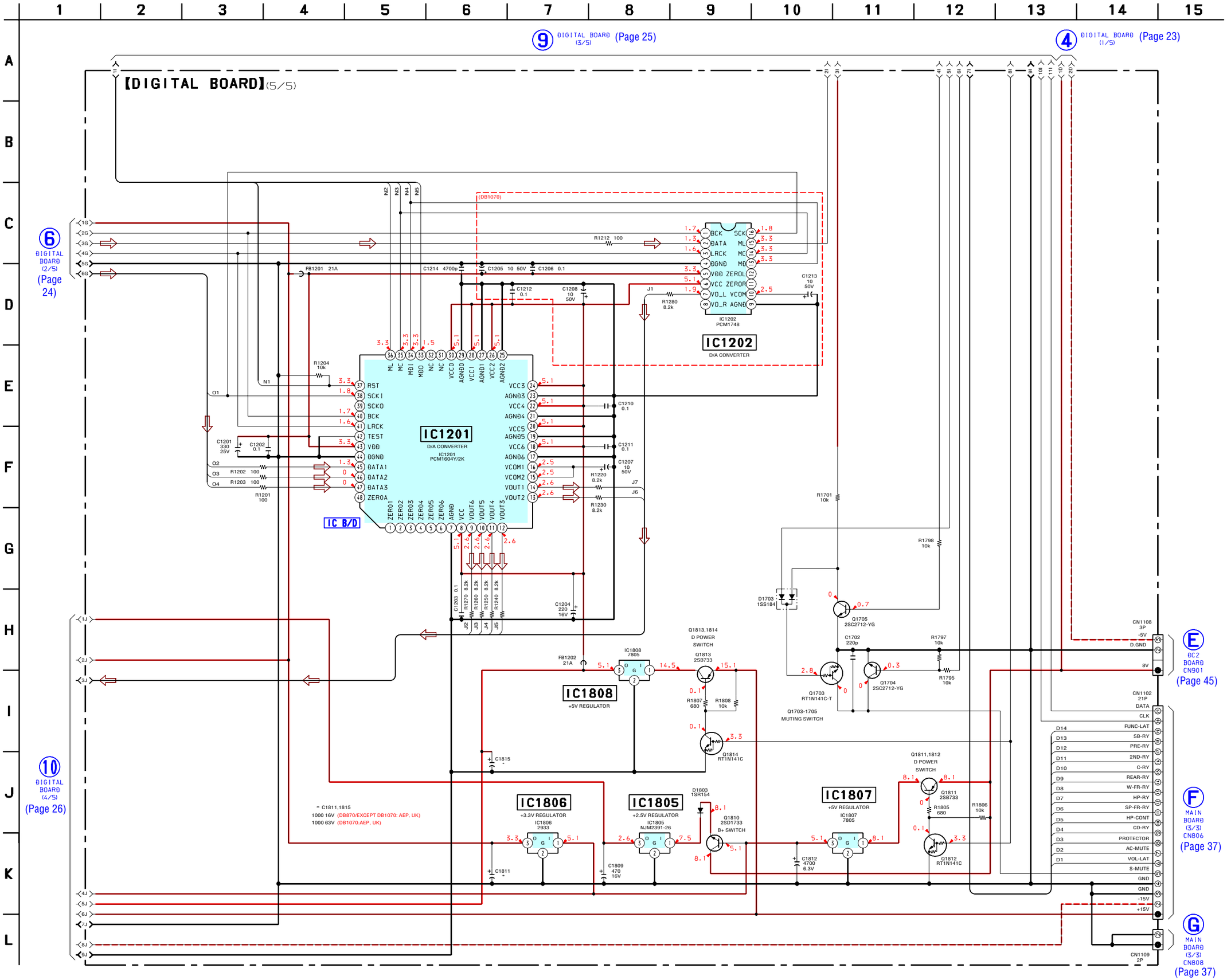


6-11. SCHEMATIC DIAGRAM – DIGITAL Board (4/5) –

• See page 46 for Waveform. • See page 46 for IC Block Diagram.



6-12. SCHEMATIC DIAGRAM – DIGITAL Board (5/5) – • See page 46 for IC Block Diagrams.

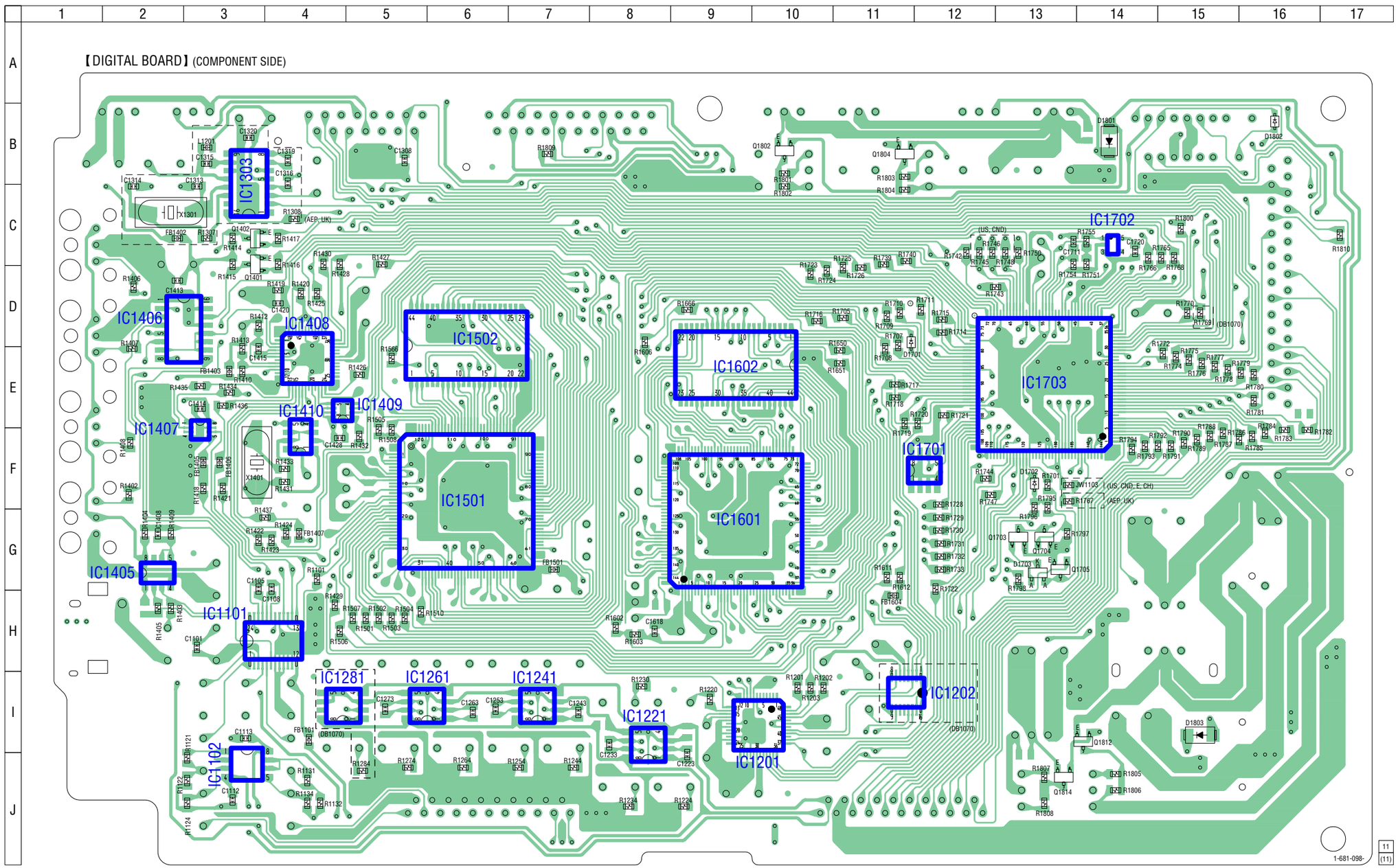

【DIGITAL BOARD】(5/5)
9 DIGITAL BOARD (3/5) (Page 25)
4 DIGITAL BOARD (1/5) (Page 23)
6 DIGITAL BOARD (2/5) (Page 24)
10 DIGITAL BOARD (4/5) (Page 26)
E DC2 BOARD CN901 (Page 45)
F MAIN BOARD (3/3) CN806 (Page 37)
G MAIN BOARD (3/3) CN808 (Page 37)
(DB1070)
IC1201 D/A CONVERTER IC1201 PCM1604Y/2K
IC1202 D/A CONVERTER IC1202 PCM1748
IC1806 +3.3V REGULATOR IC1806 2933
IC1805 +2.5V REGULATOR IC1805 NJM2391-26
IC1808 +5V REGULATOR IC1808 7805
IC1807 +5V REGULATOR IC1807 7805
IC B/D
Q1703-1705 MUTING SWITCH
Q1813,1814 D POWER SWITCH
Q1811,1812 D POWER SWITCH
Q1810 2SD1733 B+ SWITCH
~ C1811,1815 1000 16V (DB870/EXCEPT DB1070: AEP, UK) 1000 63V (DB1070:AEP, UK)
CN1108 3P -5V D.GND 8V
CN1102 21P DATA CLK FUNC-LAT SB-RY PRE-RY 2ND-RY C-RY REAR-RY W-FR-RY HP-RY SP-FR-RY HP-CONT CD-RY PROTECTOR AC-MUTE VOL-LAT S-MUTE GND GND -15V +15V
CN1109 2P

6-13. PRINTED WIRING BOARD – DIGITAL Board (Component Side) –

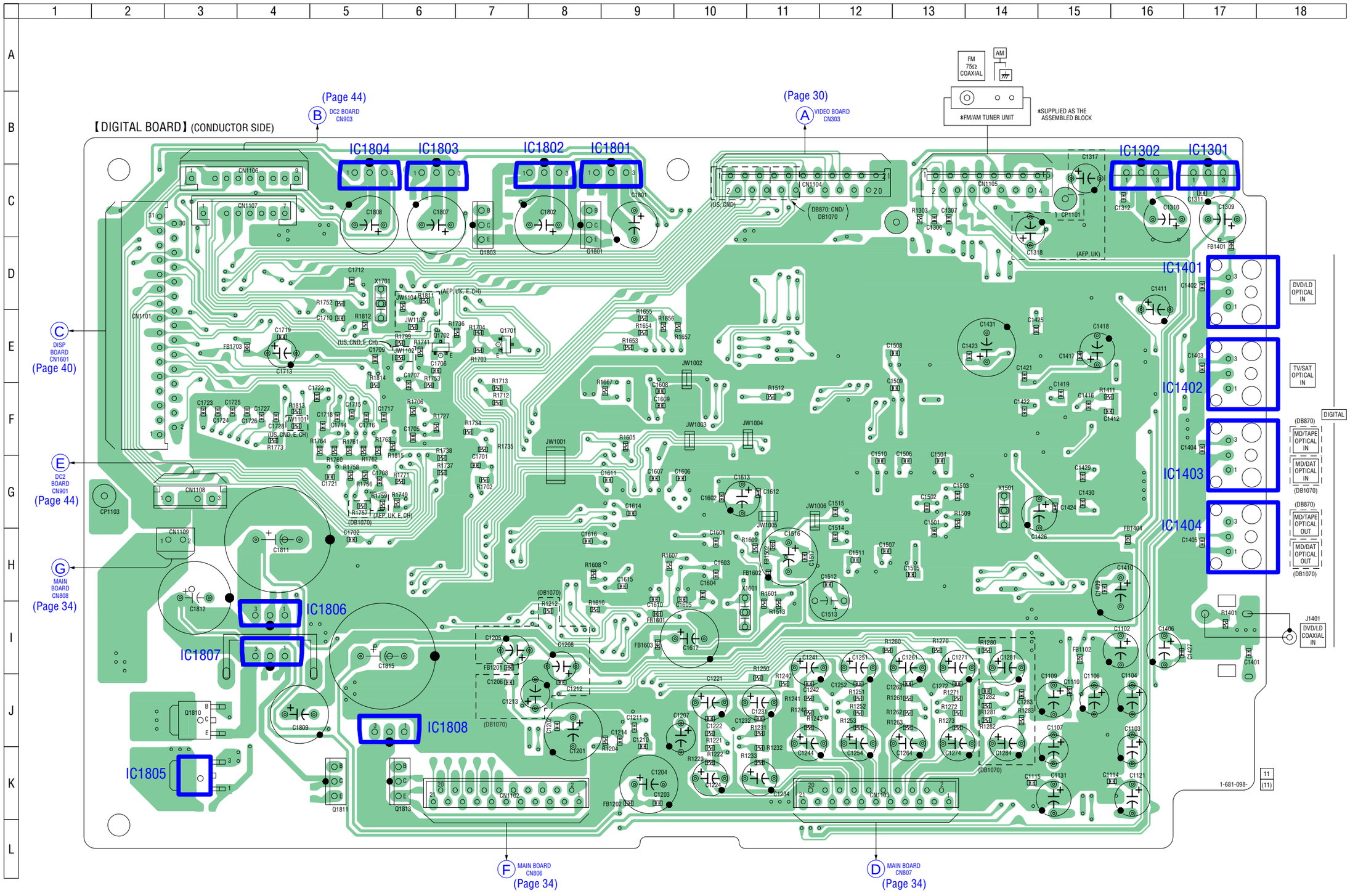
• See page 22 for Circuit Boards Location.

- **Semiconductor Location**

Ref. No.	Location
D1701	D-11
D1702	F-13
D1703	G-13
D1801	B-14
D1802	B-16
D1803	I-15
IC1101	H-4
IC1102	J-3
IC1201	I-10
IC1202	I-11
IC1221	I-8
IC1241	I-7
IC1261	I-5
IC1281	I-4
IC1303	B-3
IC1405	G-2
IC1406	D-2
IC1407	F-3
IC1408	E-4
IC1409	E-4
IC1410	F-4
IC1501	F-6
IC1502	D-6
IC1601	G-9
IC1602	E-9
IC1701	F-12
IC1702	C-14
IC1703	E-13
Q1401	C-3
Q1402	C-3
Q1703	G-13
Q1704	G-13
Q1705	G-13
Q1802	B-10
Q1804	B-11
Q1812	I-14
Q1814	J-13



6-14. PRINTED WIRING BOARD – DIGITAL Board (Conductor Side) – • See page 22 for Circuit Boards Location.



- **Semiconductor Location**

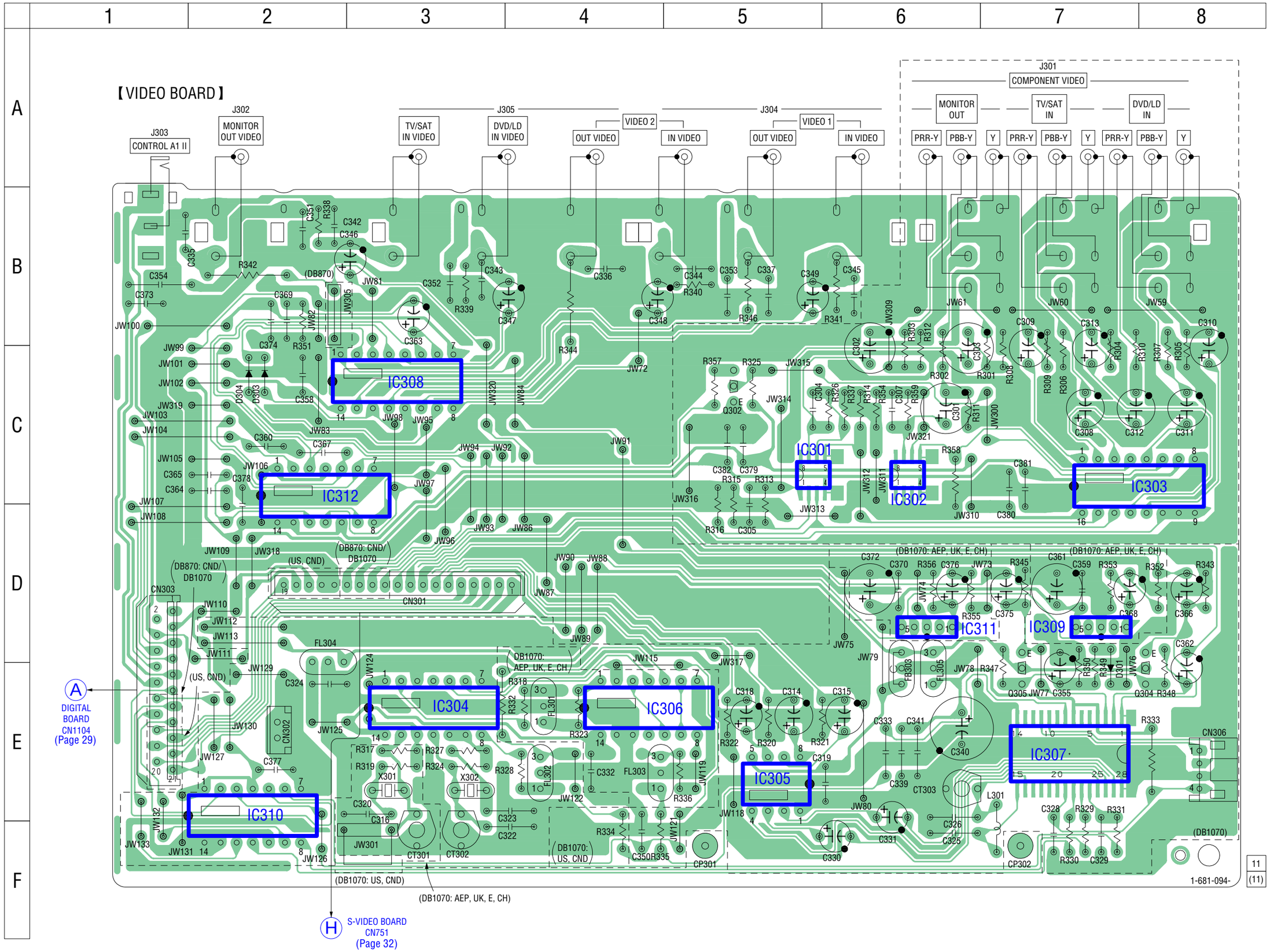
Ref. No.	Location
IC1301	C-17
IC1302	C-16
IC1401	D-17
IC1402	E-17
IC1403	G-17
IC1404	H-17
IC1801	C-9
IC1802	C-8
IC1803	C-6
IC1804	C-5
IC1805	K-3
IC1806	I-4
IC1807	I-4
IC1808	J-6
Q1701	E-7
Q1702	E-6
Q1801	C-8
Q1803	C-7
Q1810	J-3
Q1811	K-5
Q1813	K-6

6-15. PRINTED WIRING BOARD – VIDEO Board –

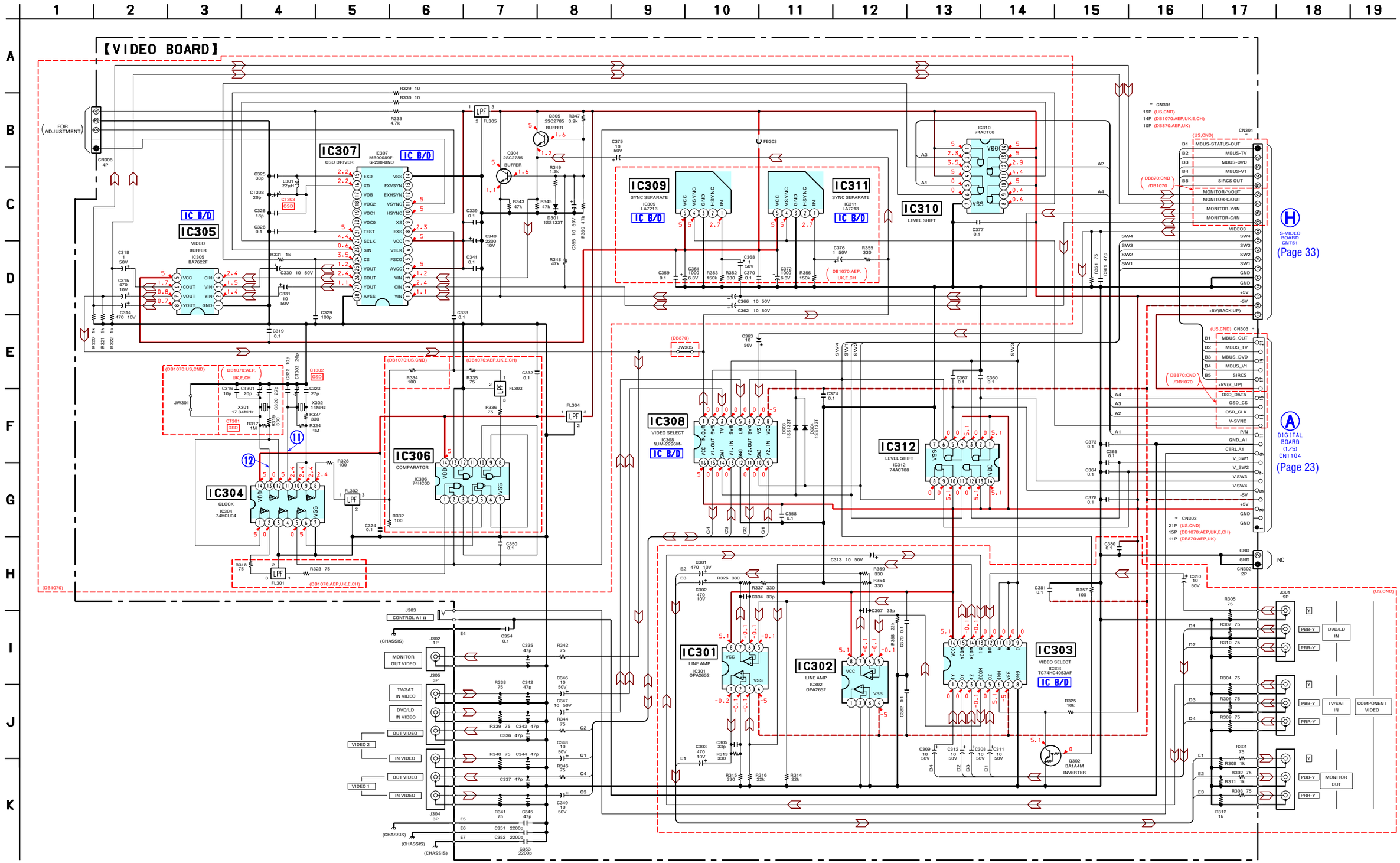
• See page 22 for Circuit Boards Location.

- **Semiconductor Location**

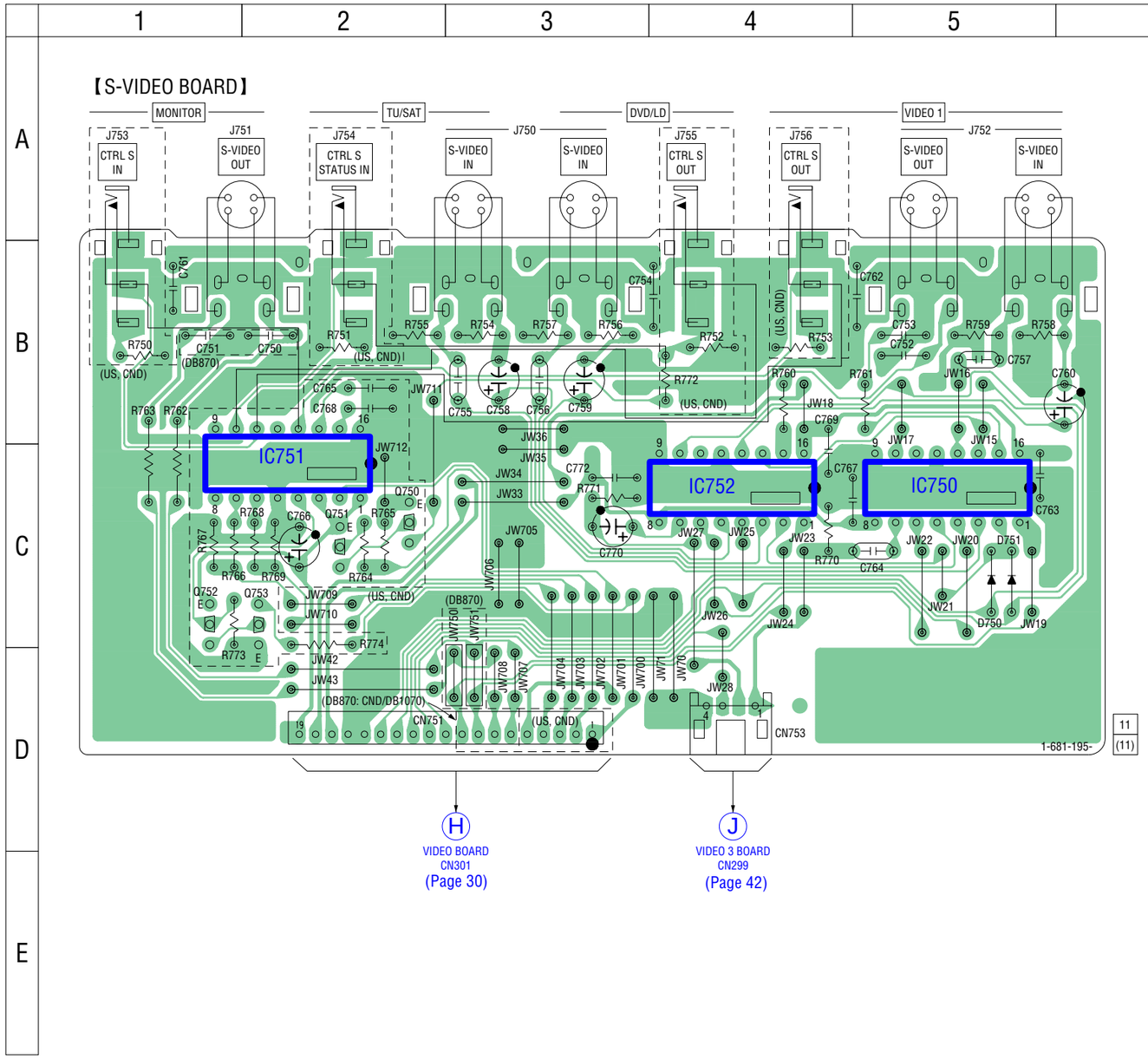
Ref. No.	Location
D301	E-7
D303	C-2
D304	C-2
IC301	C-5
IC302	C-6
IC303	C-7
IC304	E-3
IC305	E-5
IC306	E-4
IC307	E-7
IC308	C-3
IC309	D-7
IC310	E-2
IC311	D-6
IC312	C-2
Q302	C-5
Q304	E-8
Q305	E-7

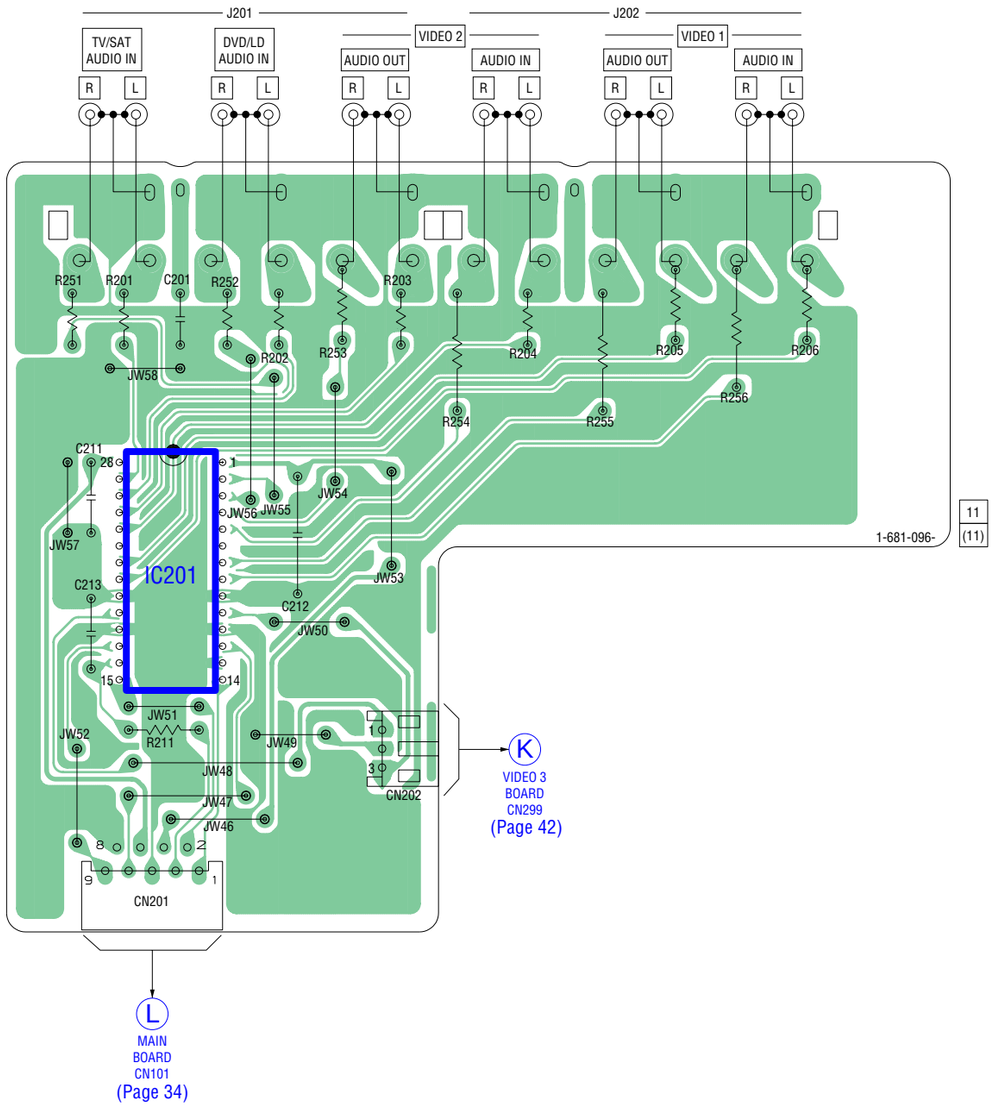


6-16. SCHEMATIC DIAGRAM – VIDEO Board – • See page 46 for Waveforms. • See page 46 for IC Block Diagrams.



6-17. PRINTED WIRING BOARDS – S-VIDEO/VIDEO AU Boards – • See page 22 for Circuit Boards Location.

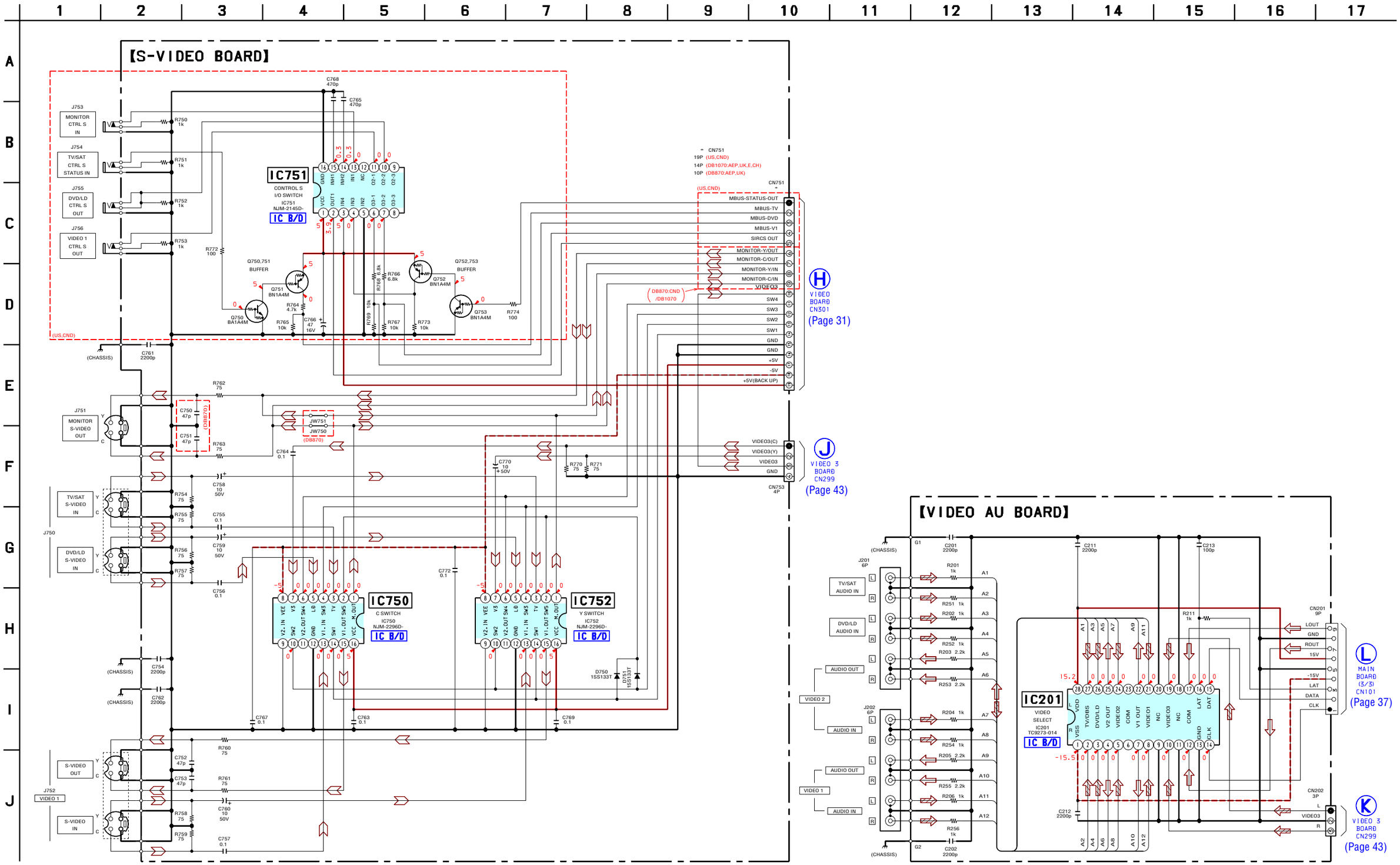




- **Semiconductor Location**

Ref. No.	Location
D750	C-5
D751	C-5
IC201	C-7
IC750	C-5
IC751	C-2
IC752	C-4
Q750	C-2
Q751	C-2
Q752	C-1
Q753	C-2

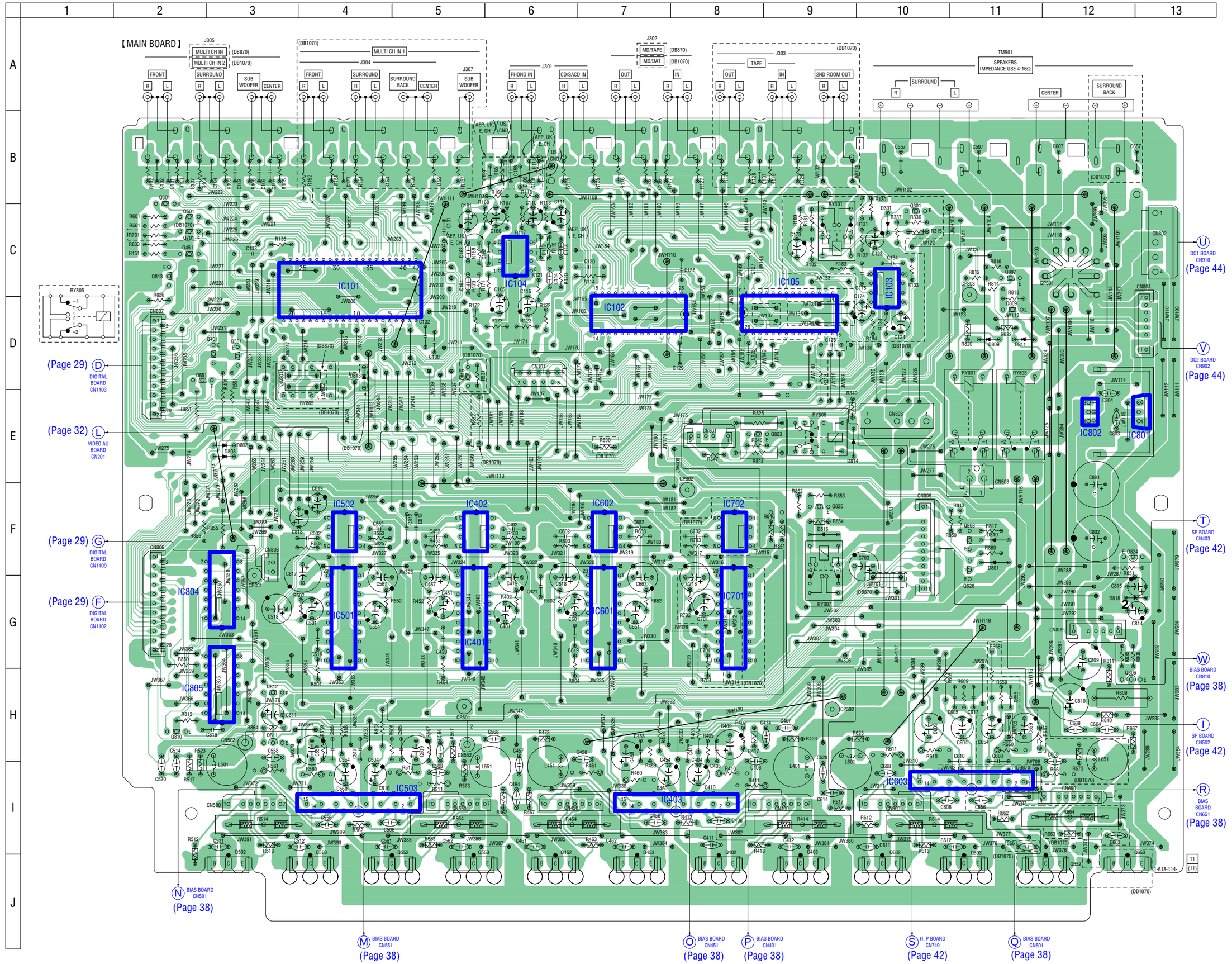
6-18. SCHEMATIC DIAGRAM – S-VIDEO/VIDEO AU Boards – • See page 46 for IC Block Diagrams.



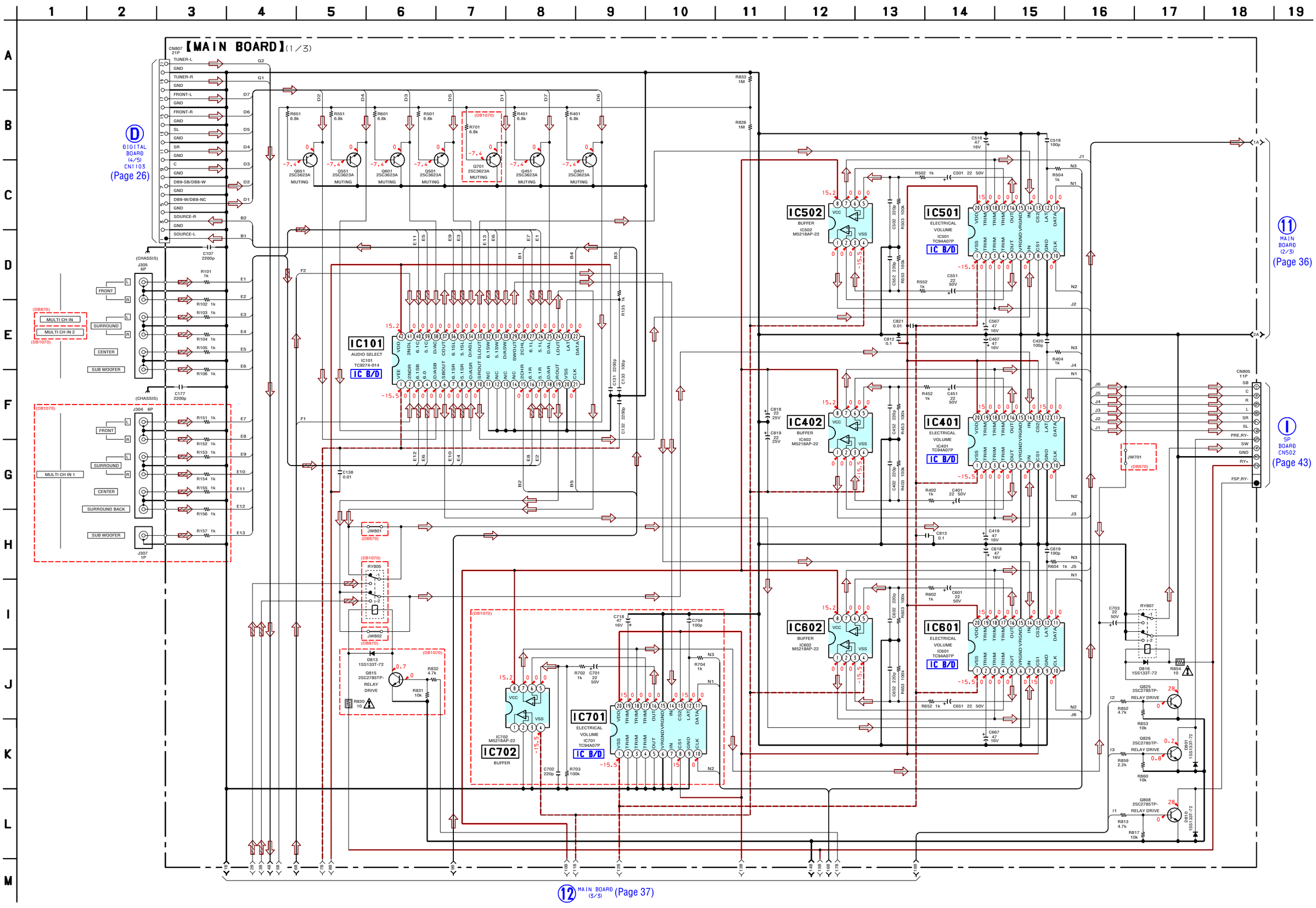
6-19. PRINTED WIRING BOARD – MAIN Board – • See page 22 for Circuit Boards Location.

- **Semiconductor Location**

Ref. No.	Location
D301	C-10
D801	F-11
D802	E-3
D803	E-3
D809	D-11
D810	F-11
D811	D-11
D813	D-4
D814	E-9
D815	G-12
D816	F-9
IC101	C-4
IC102	D-7
IC103	C-10
IC104	C-6
IC105	D-9
IC401	G-5
IC402	F-5
IC403	I-7
IC501	G-4
IC502	F-4
IC503	I-4
IC601	G-7
IC602	F-7
IC603	I-11
IC701	G-8
IC702	F-8
IC801	E-13
IC802	E-12
IC804	G-3
IC805	H-3
Q301	C-10
Q401	D-3
Q402	J-8
Q403	J-9
Q451	C-2
Q452	J-6
Q453	J-7
Q501	C-2
Q502	J-3
Q503	J-4
Q551	D-3
Q552	J-4
Q553	J-5
Q601	B-2
Q602	J-10
Q603	J-11
Q651	D-2
Q652	J-12
Q653	J-12
Q701	C-2
Q806	H-12
Q807	C-11
Q808	F-11
Q809	D-11
Q810	H-2
Q811	H-3
Q812	H-3
Q813	C-2
Q815	D-5
Q823	E-8
Q824	F-12
Q825	F-9
Q826	F-11



6-20. SCHEMATIC DIAGRAM – MAIN Board (1/3) – • See page 46 for IC Block Diagrams.



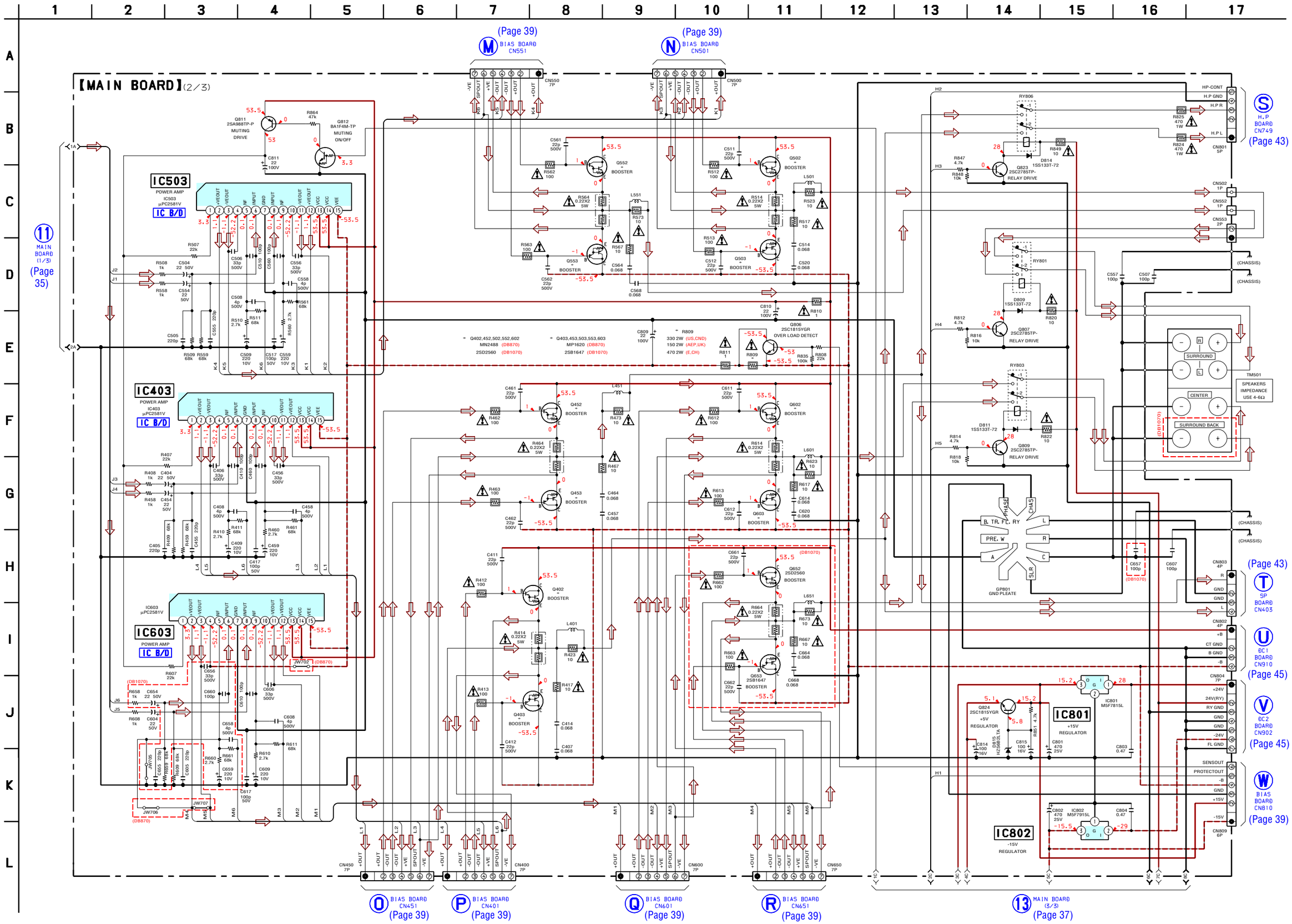
以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-21. SCHEMATIC DIAGRAM – MAIN Board (2/3) –

• See page 46 for IC Block Diagrams.

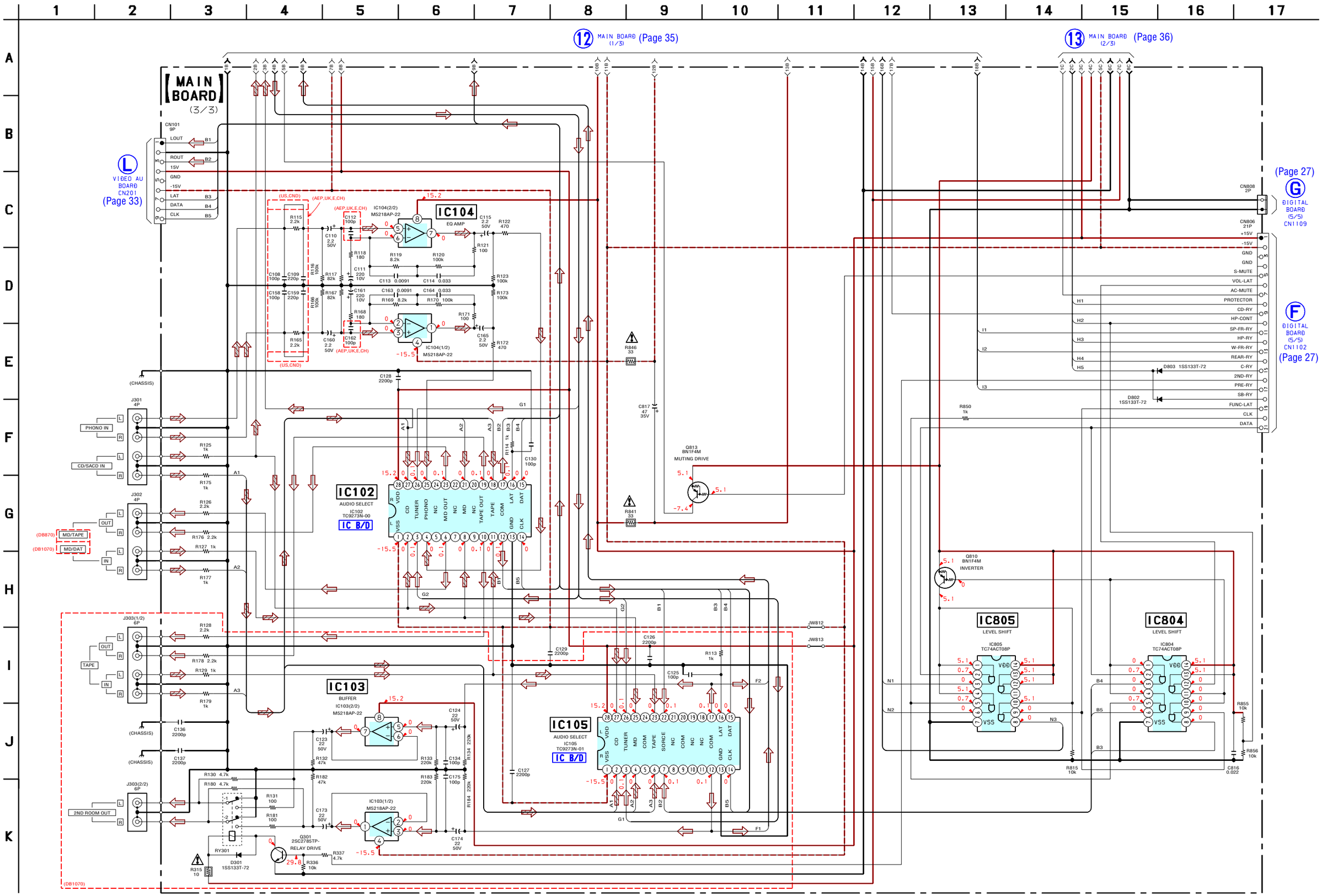


以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-22. SCHEMATIC DIAGRAM – MAIN Board (3/3) – • See page 46 for IC Block Diagrams.

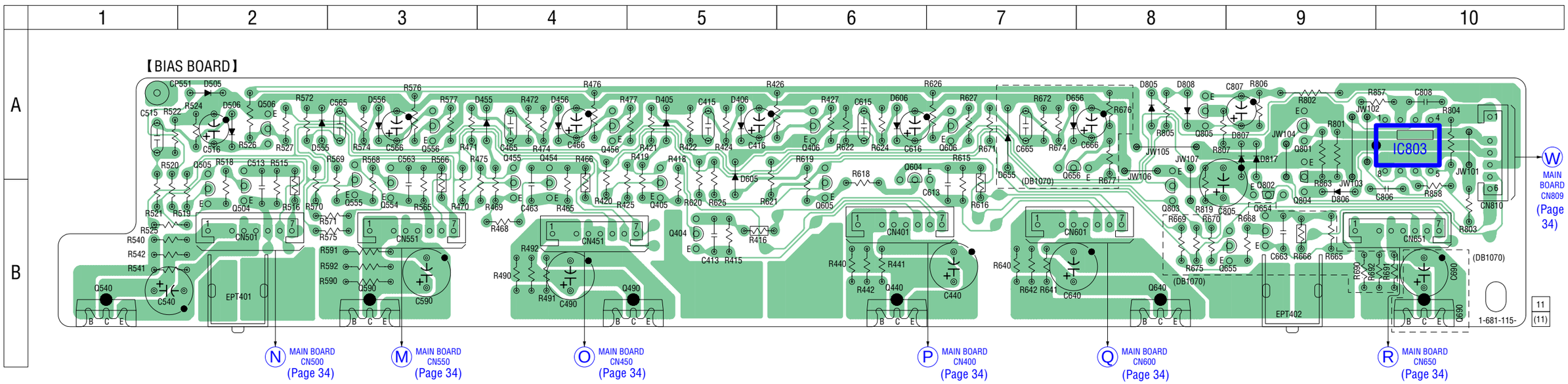


以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

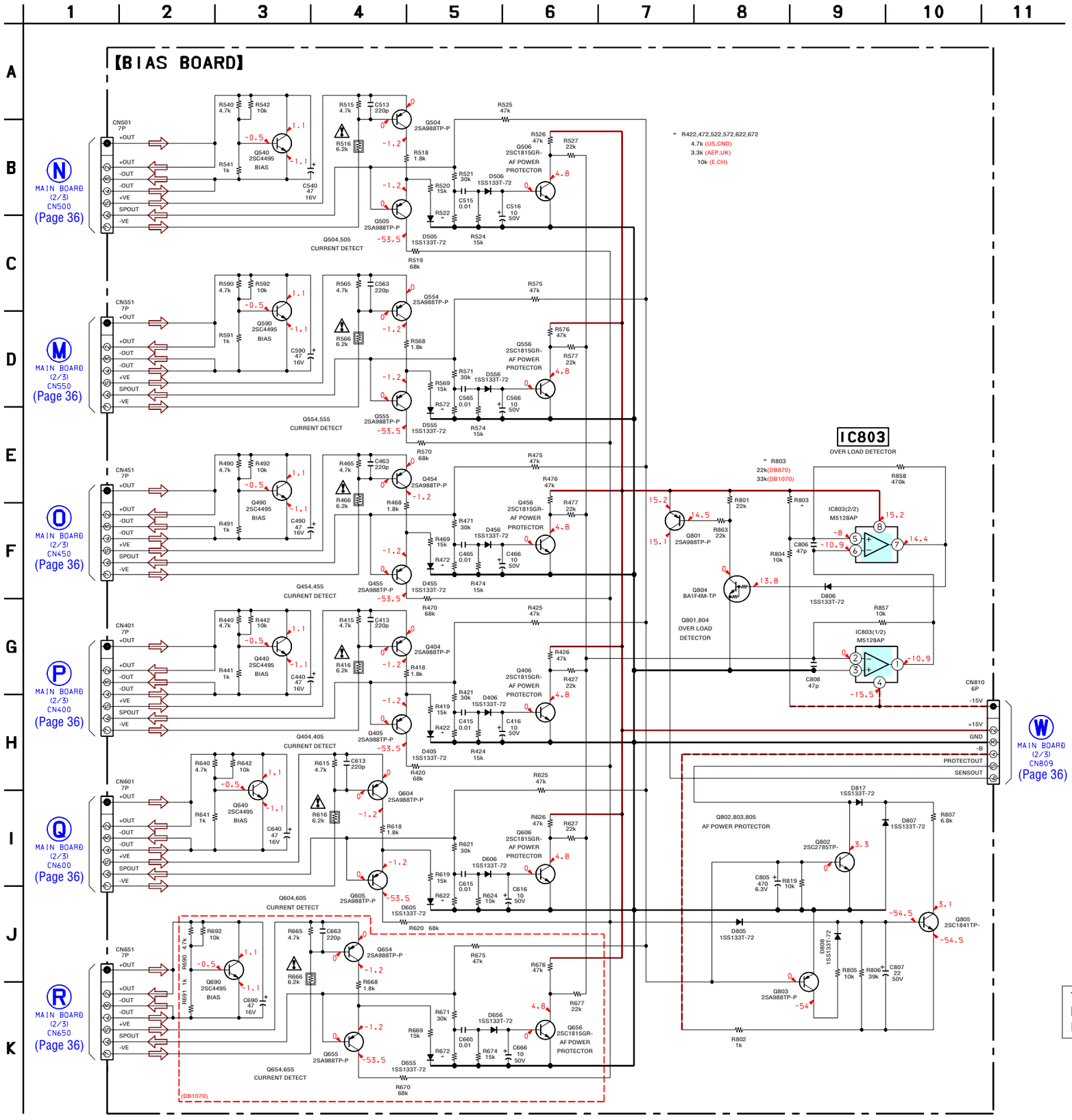
6-23. PRINTED WIRING BOARD – BIAS Board – • See page 22 for Circuit Boards Location.



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D405	A-5	Q455	B-4
D406	A-5	Q456	A-4
D455	A-4	Q490	B-5
D456	A-4	Q504	B-2
D505	A-2	Q505	B-2
D506	A-2	Q506	A-2
D555	A-2	Q540	B-1
D556	A-3	Q554	B-3
D605	A-5	Q555	B-3
D606	A-6	Q556	A-3
D655	A-7	Q590	B-3
D656	A-7	Q604	A-6
D805	A-8	Q605	B-6
D806	B-9	Q606	A-7
D807	A-9	Q640	B-8
D808	A-8	Q654	B-9
D817	A-9	Q655	B-9
		Q656	A-7
IC803	A-10	Q690	B-10
		Q801	A-9
Q404	B-5	Q802	B-9
Q405	B-5	Q803	B-8
Q406	A-6	Q804	A-9
Q440	B-6	Q805	A-8
Q454	B-4		

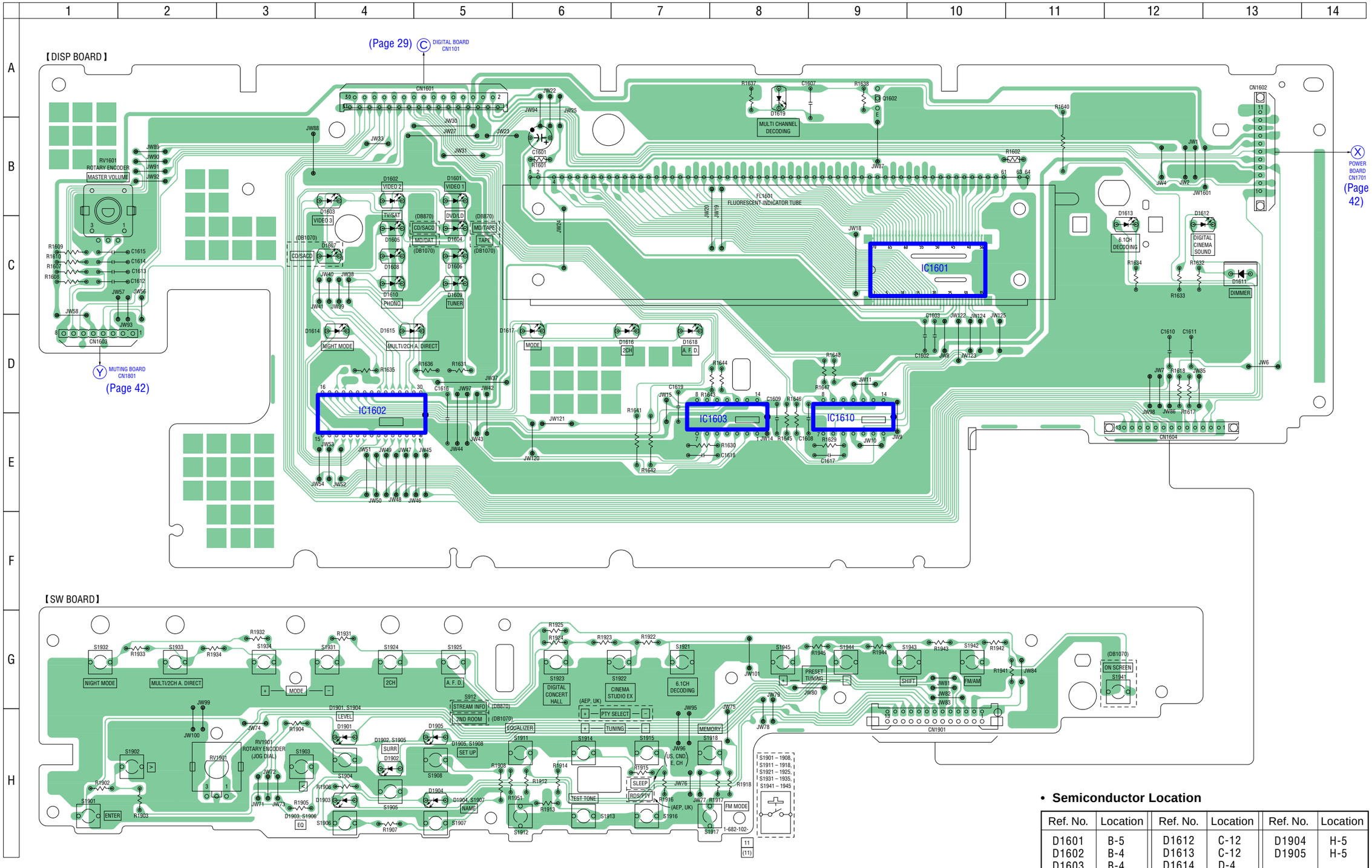
6-24. SCHEMATIC DIAGRAM – BIAS Board –



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

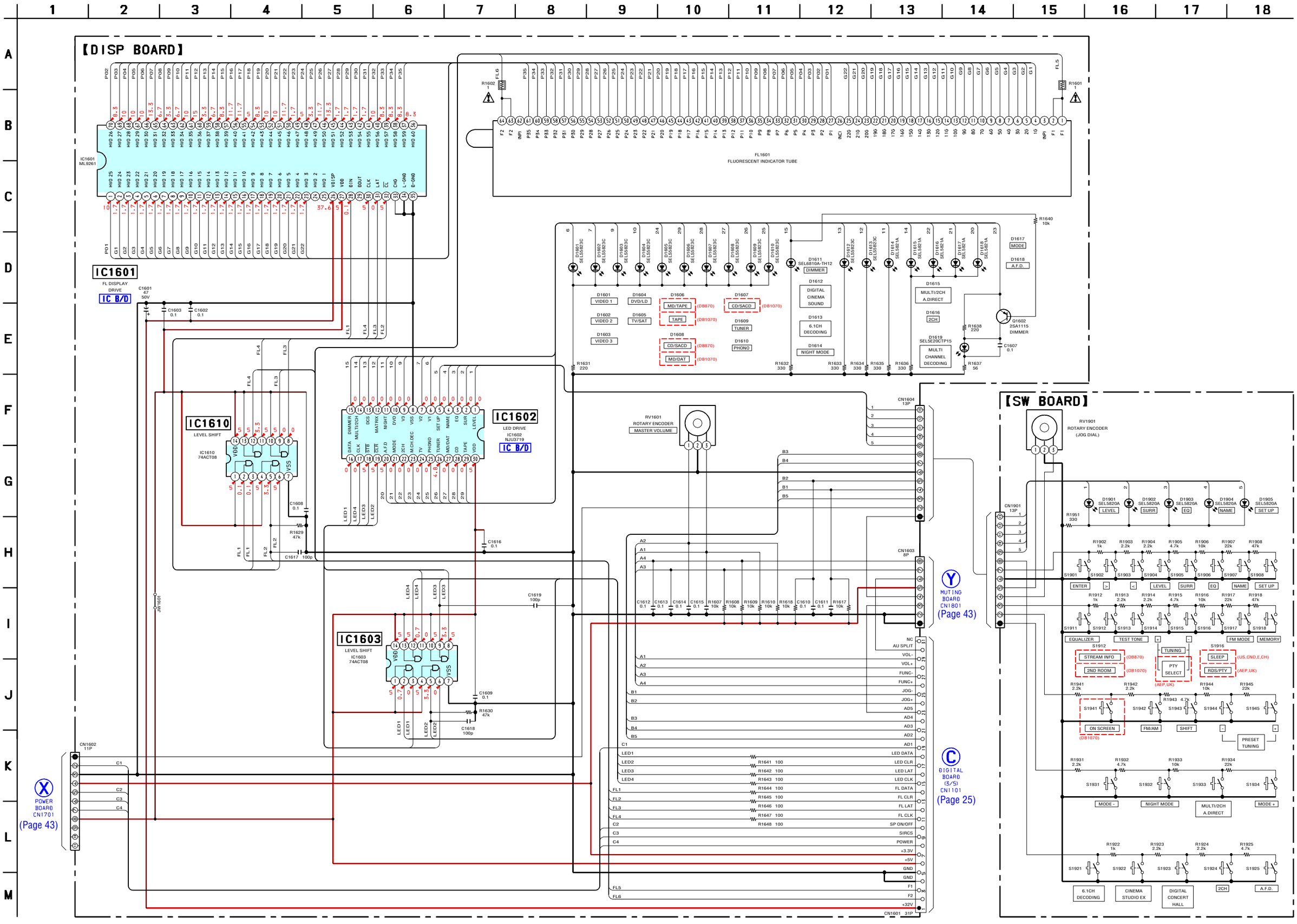
6-25. PRINTED WIRING BOARDS – DISP/SW Boards – • See page 22 for Circuit Boards Location.



- **Semiconductor Location**

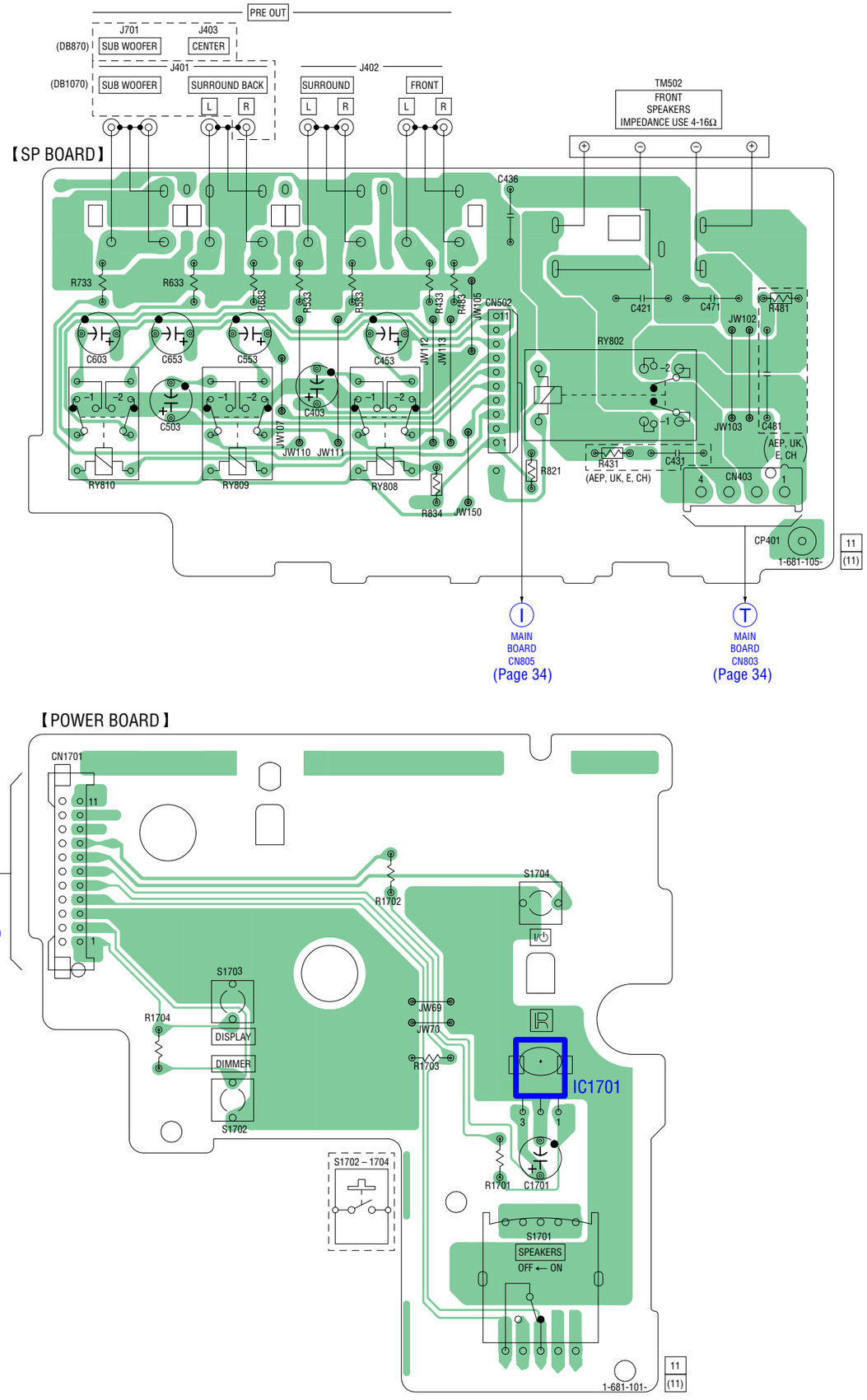
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D1601	B-5	D1612	C-12	D1904	H-5
D1602	B-4	D1613	C-12	D1905	H-5
D1603	B-4	D1614	D-4		
D1604	C-5	D1615	D-4	IC1601	C-10
D1605	C-4	D1616	D-7	IC1602	E-4
D1606	C-5	D1617	D-6	IC1603	E-8
D1607	C-4	D1618	D-7	IC1610	E-9
D1608	C-4	D1619	A-8		
D1609	C-5	D1901	H-4	Q1602	A-9
D1610	C-4	D1902	H-4		
D1611	C-13	D1903	H-4		

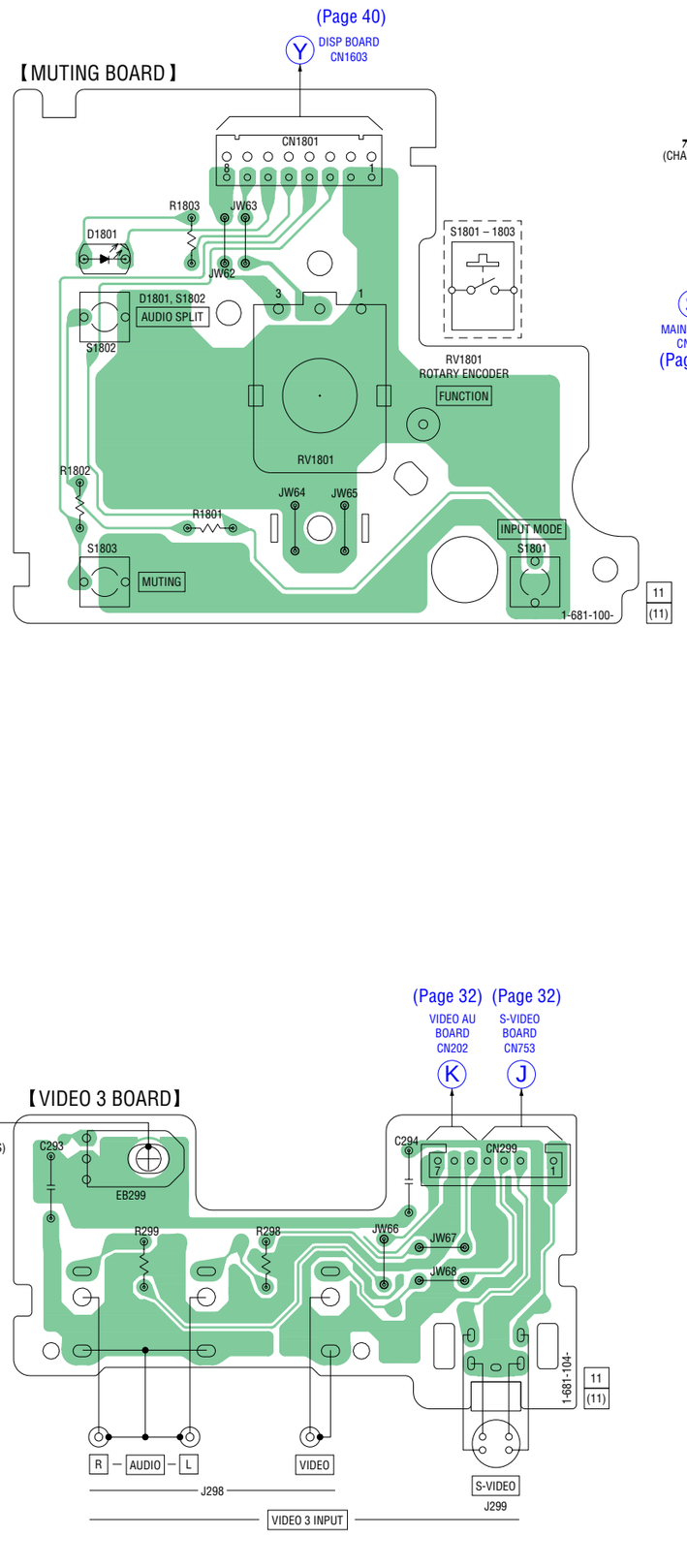
6-26. SCHEMATIC DIAGRAM – DISP/SW Boards – • See page 46 for IC Block Diagrams.



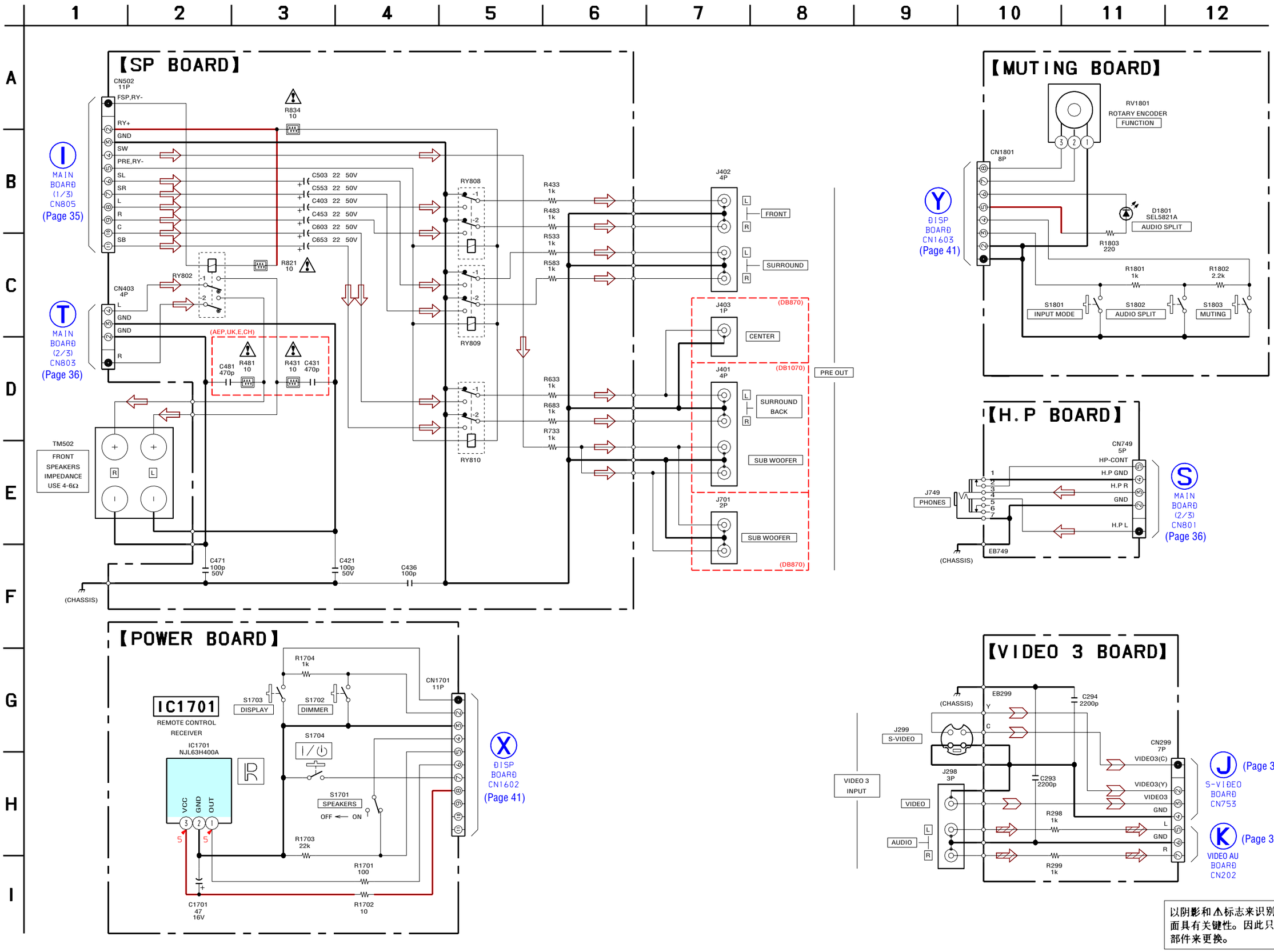
6-27. PRINTED WIRING BOARDS – H.P/MUTING/POWER/SP/VIDEO 3 Boards –

• See page 22 for Circuit Boards Location.





6-28. SCHEMATIC DIAGRAM – H.P/MUTING/POWER/SP/VIDEO 3 Boards –



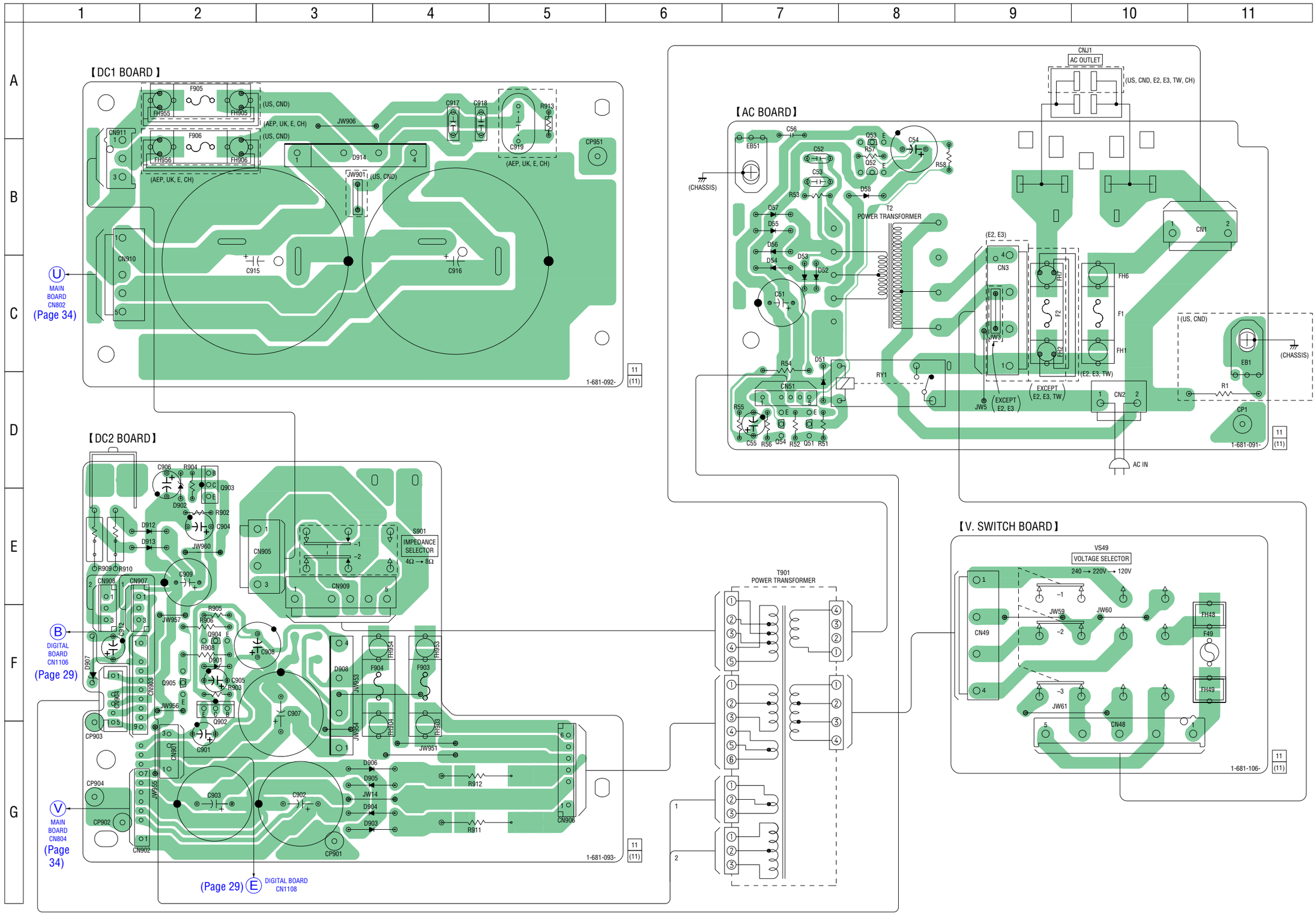
以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

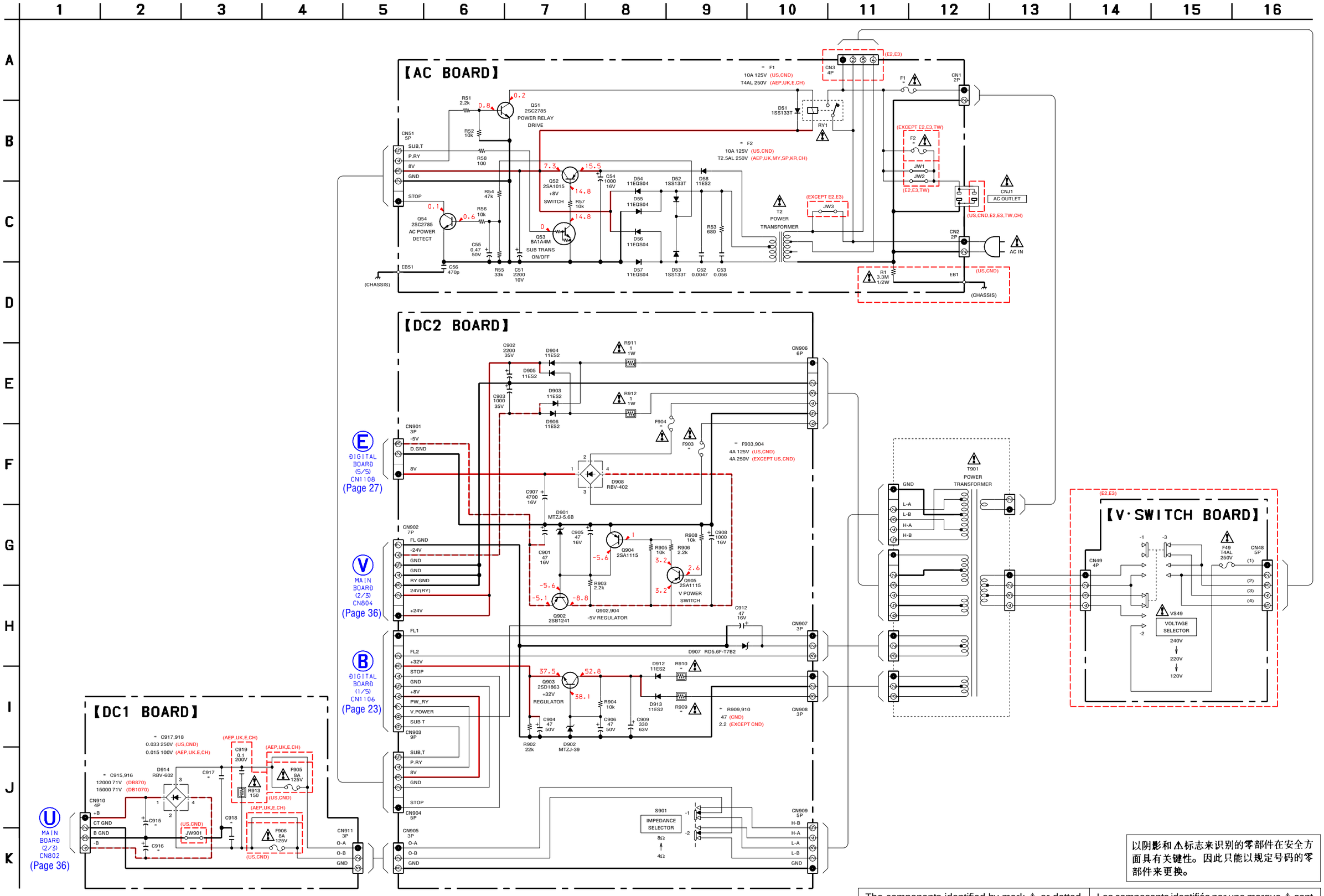
6-29. PRINTED WIRING BOARDS – POWER SUPPLY Section – • See page 22 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D51	D-7
D52	C-7
D53	C-7
D54	C-7
D55	B-7
D56	B-7
D57	B-7
D58	B-8
D901	F-2
D902	D-2
D903	G-3
D904	G-3
D905	G-3
D906	G-3
D907	F-1
D908	F-3
D912	E-2
D913	E-2
D914	B-3
Q51	D-7
Q52	B-8
Q53	B-8
Q54	D-7
Q902	F-2
Q903	D-2
Q904	F-2
Q905	F-2



6-30. SCHEMATIC DIAGRAM – POWER SUPPLY Section –



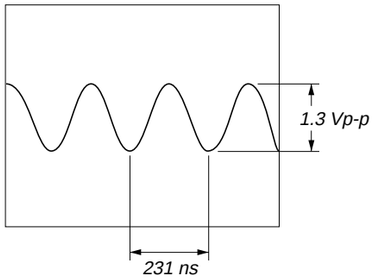
以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

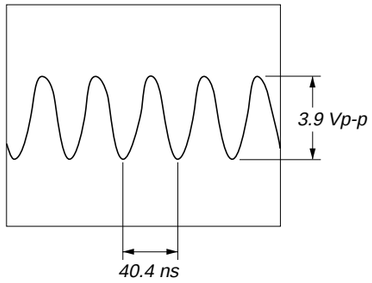
• Waveforms

– DIGITAL Board –

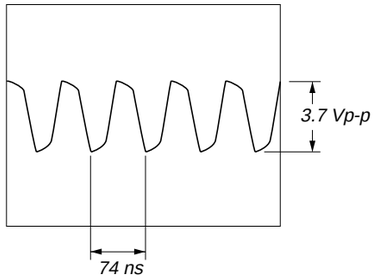
❶ IC1303 ⑭ (XO)



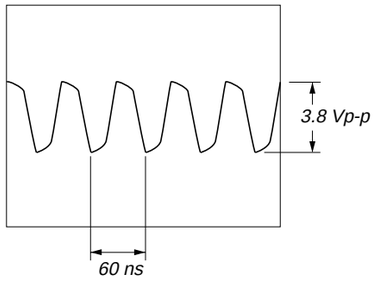
❷ IC1410 ①



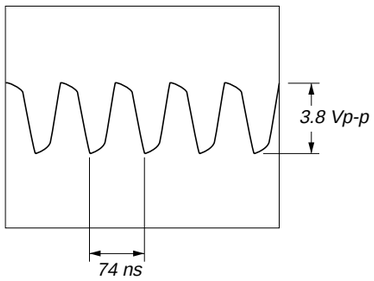
❸ IC1601 ⑱ (MCLK2)



❹ IC1703 ⑰ (X1)

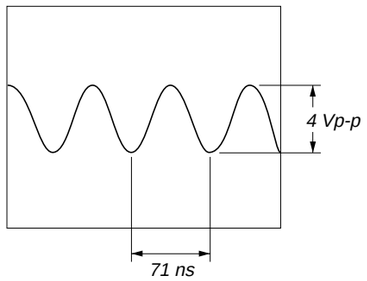


❺ IC1501 ⑬ (MCLK2)

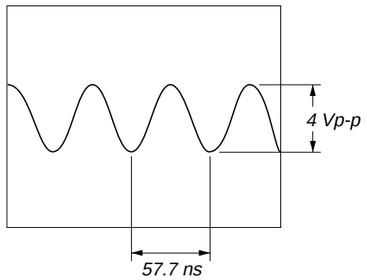


– VIDEO Board –

⓫ IC304 ⑪

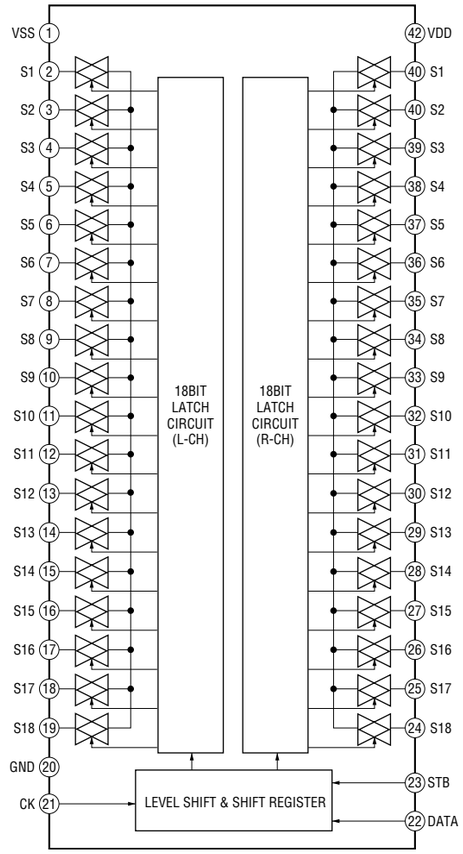


⓬ IC304 ⑬

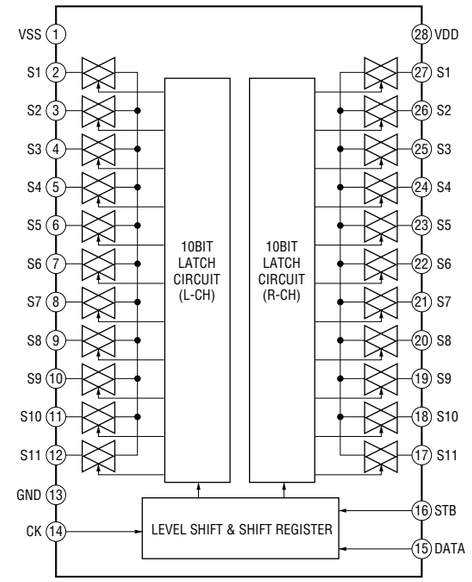


• IC Block Diagrams

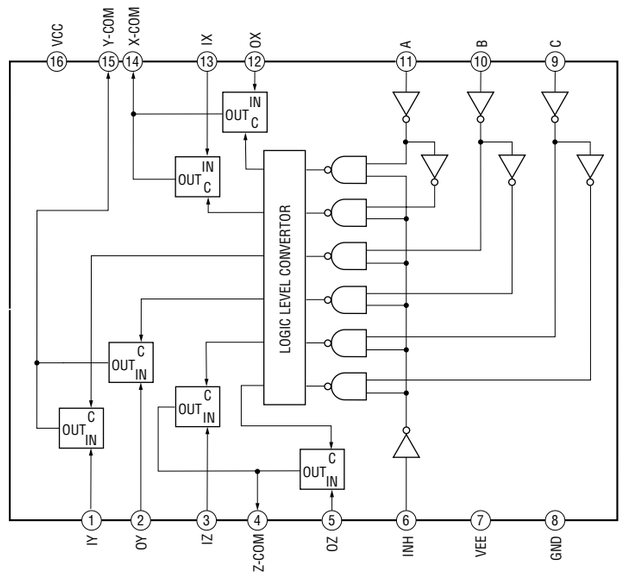
IC101 TC9274N-016 (MAIN board)



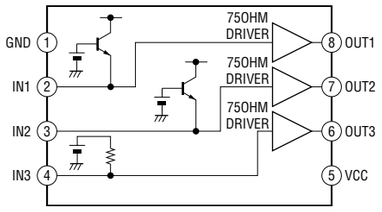
IC102 TC9273N-004 (MAIN Board)
IC105 TC9273N-013 (MAIN Board (STR-DB1070))
IC201 TC9273N-014 (VIDEO AU Board)



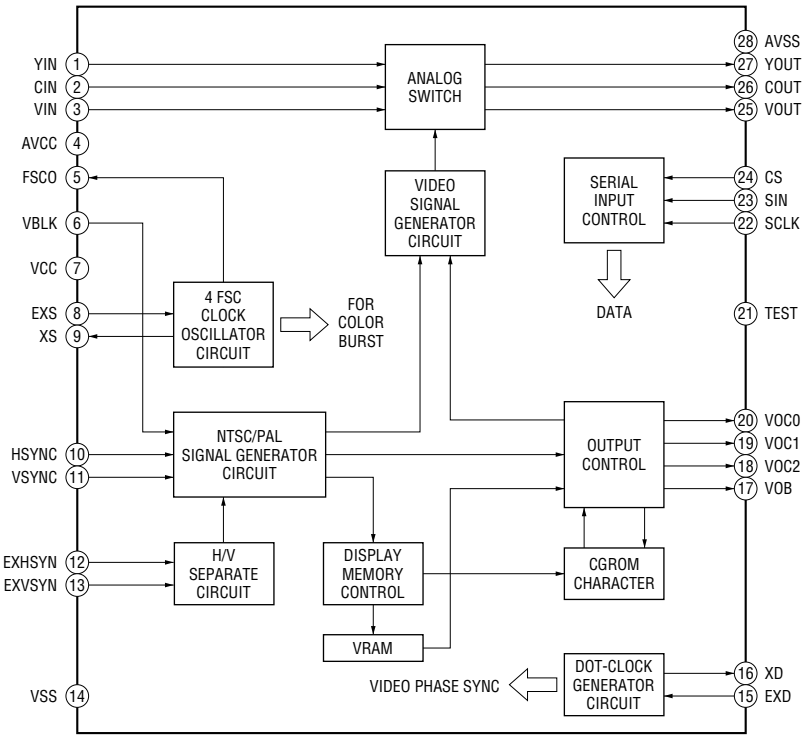
IC303 TC74HC4053AP (VIDEO Board (US and Canadian models))



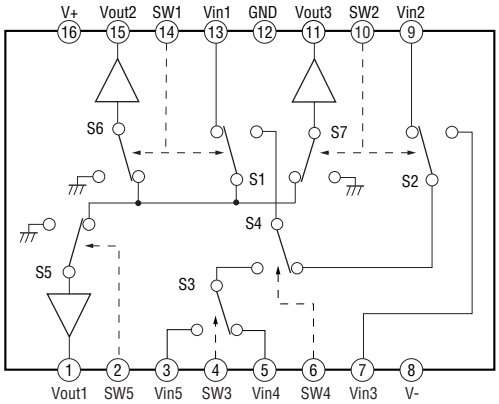
IC305 BA7622 (VIDEO Board (STR-BD1070))



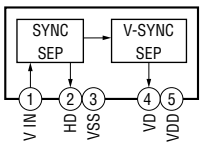
IC307 MB90089F-G-238-BND (VIDEO Board (STR-DB1070))



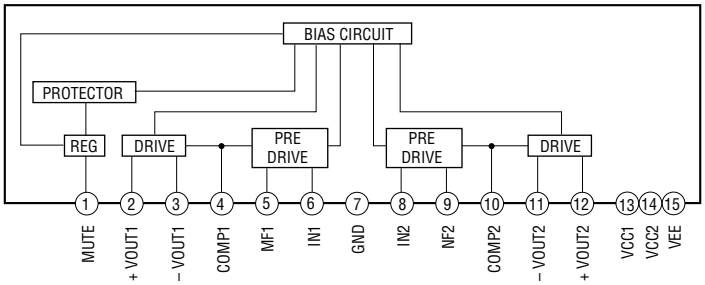
IC308 NJM2296D (VIDEO Board)
IC750, 752 NJM2296D (S-VDIEO Board)



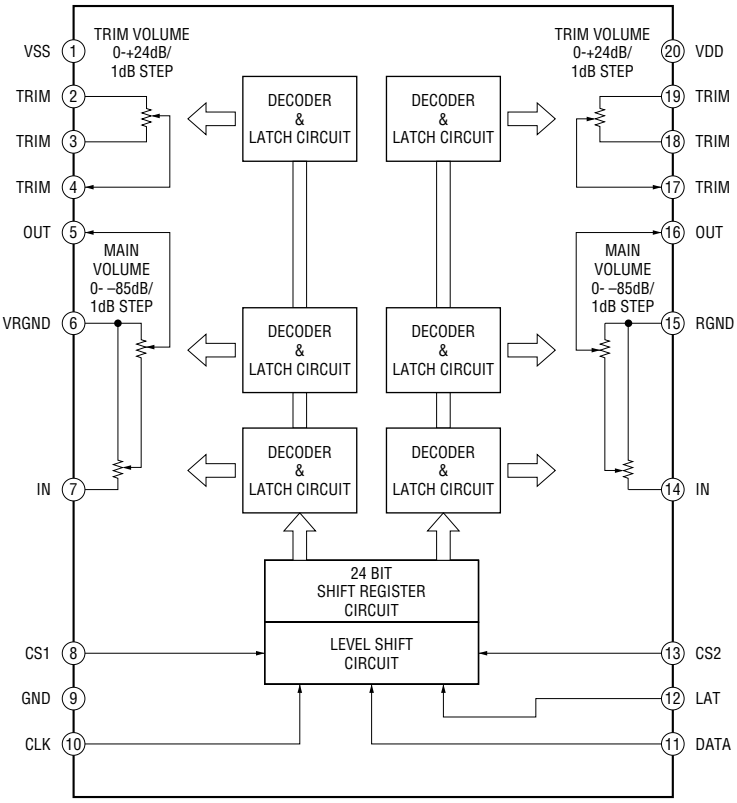
IC309, 311 LA7213 (VIDEO Board (STR-DB1070: AEP, UK, E and Chinese models))



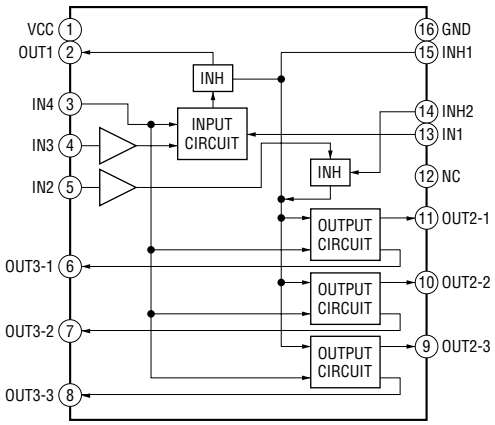
IC403, 503, 603 µPC2581V (MAIN Board (IC603: STR-DB1070))



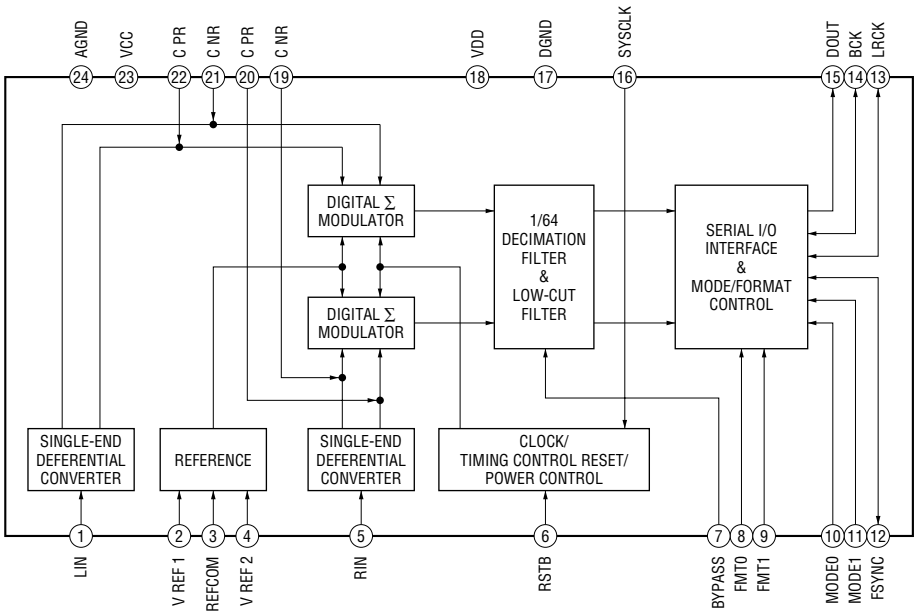
IC401, 501, 601, 701 TC94A07P (MAIN Board)



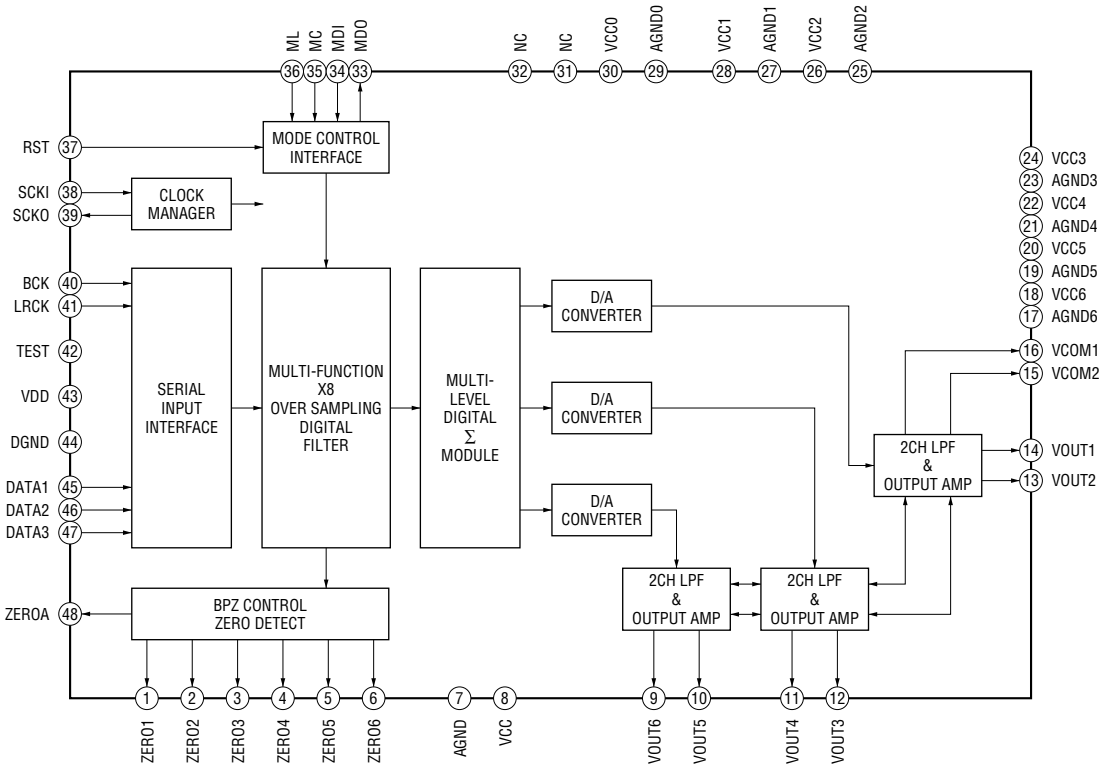
IC751 NJM2145D (S-VIDEO Board (US and Canadian models))



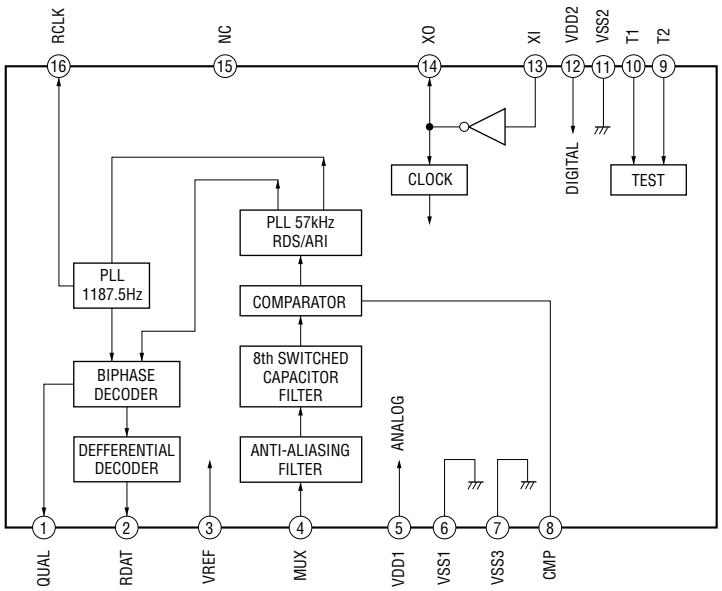
IC1101 PCM1800E/2K (DIGITAL Board)



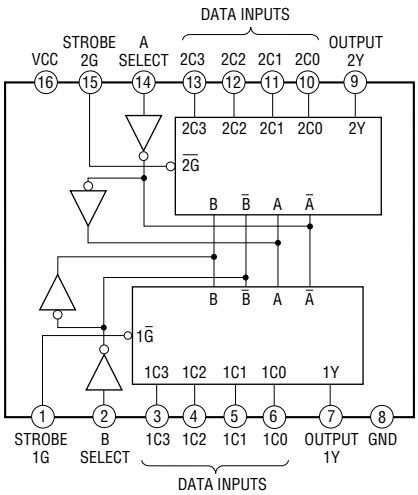
IC1201 PCM1604Y/2K (DIGITAL Board)



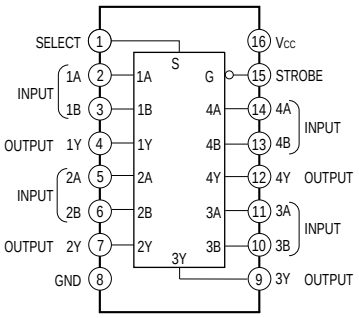
IC1303 BU1924F-E2 (DIGITAL Board (AEP and UK models))



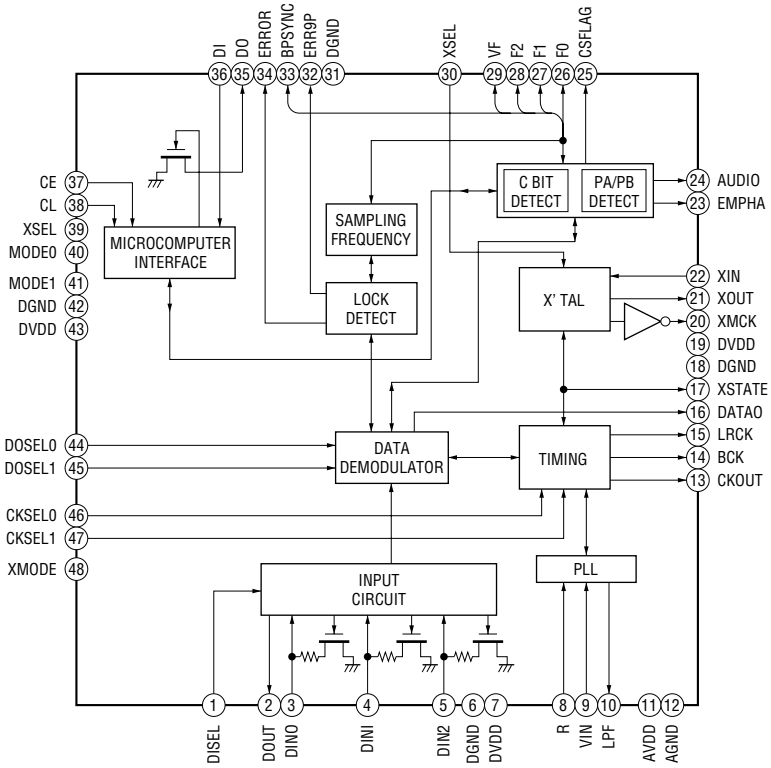
IC1406 SN74HC153ANS (DIGITAL Board)



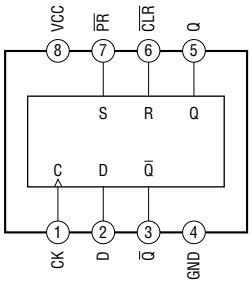
IC1407 TC7WH157FU (TE12R) (DIGITAL Board)



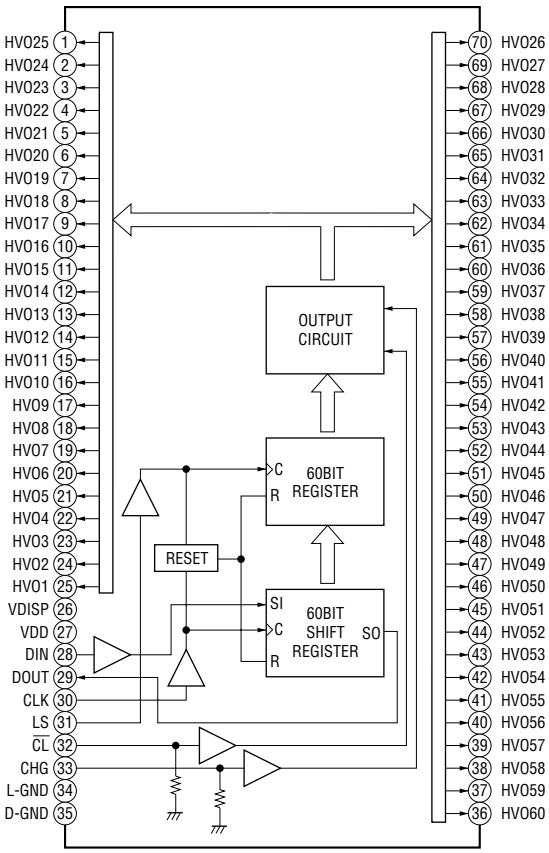
IC1408 LC89056W-E (DIGITAL Board)



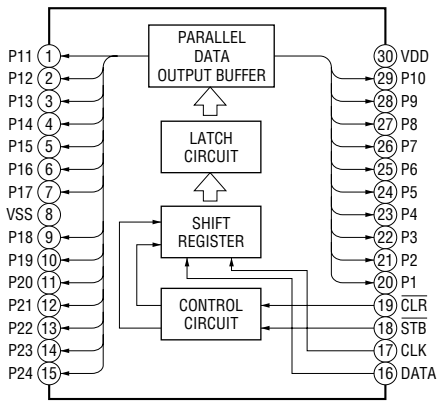
IC1409 TC7WH74FU (TE12R) (DIGITAL Board)



IC1601 ML9261MB (DISP Board)



IC1602 NJU3719L (DISP Board)



6-31. IC PIN FUNCTION DESCRIPTION

• DIGITAL BOARD IC1201 PCM1604Y/2K (D/A CONVERTER)

Pin No.	Pin Name	I/O	Description
1 to 6	ZER01 to ZER06	I	Not used (open)
7	AGND	—	Ground terminal (for analog)
8	VCC	—	Power supply terminal (+5V)
9	VOUT6	O	Analog negative signal output to the line amp (IC1261)
10	VOUT5	O	Analog negative signal output to the line amp (IC1261)
11	VOUT4	O	Analog negative signal output to the line amp (IC1241)
12	VOUT3	O	Analog negative signal output to the line amp (IC1241)
13	VOUT2	O	Analog negative signal output to the line amp (IC1221)
14	VOUT1	O	Analog negative signal output to the line amp (IC1221)
15	VCOM2	O	Common voltage output terminal
16	VCOM1	O	Lerge external capacitor is used to reduce power supply noise
17	AGND6	—	Ground terminal (for analog)
18	VCC6	—	Power supply terminal (+5V)
19	AGND5	—	Ground terminal (for analog)
20	VCC5	—	Power supply terminal (+5V)
21	AGND4	—	Ground terminal (for analog)
22	VCC4	—	Power supply terminal (+5V)
23	AGND3	—	Ground terminal (for analog)
24	VCC3	—	Power supply terminal (+5V)
25	AGND2	—	Ground terminal (for analog)
26	VCC2	—	Power supply terminal (+5V)
27	AGND1	—	Ground terminal (for analog)
28	VCC1	—	Power supply terminal (+5V)
29	AGND0	—	Ground terminal (for analog)
30	VCC0	—	Power supply terminal (+5V)
31, 32	NC	—	Not used (open)
33	MDO	O	Serial data output to the system control (IC1703)
34	MDI	I	Serial dara input from the system controller (IC1703)
35	MC	I	Clock signal input from the system controller (IC1703)
36	ML	I	Latch signal input from the system controllrt (IC1703)
37	RST	I	Reset signal input from the system controller (IC1703)
38	SCKI	I	Serial clock signal input from the audio DSP2 (IC1601)
39	SCKO	O	Serial clock signal output terminal Not used (open)
40	BCK	I	Bit clock signal input from the audio DSP2 (IC1601)
41	LRCK	I	L/R sampling clock signal input from the audio DSP2 (IC1601)
42	TEST	I	Test data input terminal (fixed at “L”)
43	VDD	—	Power supply terminal (+5V)
44	DGND	—	Ground terminal (for digital)
45	DATA1	I	Audio serial data1 input from the audio DSP2 (IC1601)
46	DATA2	I	Audio serial data2 input from the audio DSP2 (IC1601)
47	DATA3	I	Audio serial data3 input from the audio DSP2 (IC1601)
48	ZER0A	I	Zero input detect terminal Not used (open)

• **DIGITAL BOARD IC1408 LC89056W-E (DIGITAL AUDIO INTERFACE RECEIVER)**

Pin No.	Pin Name	I/O	Description
1	DISEL	I	Input data select terminal (fixed at “L”)
2	DOUT	O	EIAJ data and parity output terminal Not used (open)
3	DIN0	I	Amp integrate data input from the select switch (IC1406)
4	DIN1	O	Amp integrate data input terminal Not used (fixed at “L”)
5	DIN2	I	Amp integrate data input terminal Not used (fixed at “L”)
6	DGND	—	Ground terminal (for digital)
7	DVDD	—	Power supply terminal (+5V) (for digital)
8	R	I	Input terminal for VCO generator band adjustment
9	VIN	I	Input terminal for VCO self running frequency set
10	LPF	O	External LPF for PLL is connected to this terminal
11	AVDD	—	Power supply terminal (+5V) (for analog)
12	AGND	—	Ground terminal (for analog)
13	CKOUT	O	Clock signal output to the audio DSP1, 2 (IC1501, 1601)
14	BCK	O	Bit clock signal output to the A/D converter (IC1101) and audio DSP1 (IC1501)
15	LRCK	O	L/R sampling clock signal output to the A/D converter (IC1101) and audio DSP1, 2 (IC1501, 1601)
16	DATAO	O	Audio data output to the system controller (IC1703) and audio DSP1 (IC1501)
17	XSTATE	O	Clock status flag output to the system controller (IC1703)
18	DGND	—	Ground terminal (for digital)
19	DVDD	—	Power supply terminal (+5V) (for digital)
20	XMCK	O	Clock signal outout to the A/D converetr (IC1101) (24.576MHz)
21	XOUT	O	Clock output terminal Not used (open)
22	XIN	I	Clock input from the clock oscillator (IC1410) (24.576MHz)
23	EMPHA	O	Emphasis monitor output terminal “H”: on Not used (open)
24	AUDIO	O	Audio transfer signal output to the audio DSP1 (IC1501)
25	CSFLAG	O	Not used (open)
26 to 29	F0/P0/C0 to F3/P3/C3	O	Terminal for check Not used (open)
30	DVDD	—	Power supply terminal (+5V) (for digital)
31	DGND	—	Ground terminal (for digital)
32	AUTO	O	Not used (open)
33	BPSYNC	O	Not used (open)
34	ERROR	O	Error mute output to the system controller (IC1703) and audio DSP1 (IC1501)
35	DO	O	Data output to the system controller (IC1703)
36	DI	I	Data input from the system controller (IC1703)
37	CE	I	Chip enable signal input from the system controller (IC1703)
38	CLK	I	Clock signal input from the system controller (IC1703)
39	XSEL	I	Clock select terminal (fixed at “H”)
40, 41	MODE0, MODE1	I	Mode setting input terminal (fixed at “L”)
42	DGND	—	Ground terminal (for digital)
43	DVDD	—	Power supply terminal (+5V) (for digital)
44, 45	DOSEL0, DOSEL1	I	Data format select signal input terminal (fixed at “L”)
46	CKSEL0	I	System clock select signal input terminal (fixed at “L”)
47	CKSEL1	I	System clock select signal input from the system controller (IC1703)
48	XMODE	I	Reset signal input from the system controller (IC1703)

• **DIGITAL BOARD IC1501 CDX9617R (AUDIO DSP1)**

Pin No.	Pin Name	I/O	Description
1	VSS	—	Ground terminal
2	XRST	I	Reset signal input from the system controller (IC1703)
3	EXTIN	I	Master clock input terminal Not used (fixed at “L”)
4	FS2	I	Sampling frequency select signal input terminal Not used (fixed at “L”)
5	VDDI	—	Power supply terminal (+2.5V)
6	FS1	I	Sampling frequency select signal input terminal Not used (fixed at “L”)
7	PLOCK	O	Internal PLL lock signal output terminal Not used (open)
8	VSS	—	Ground terminal
9	MCLK1	I	Systen clock input terminal (13.5MHz)
10	VDDI	—	Power supply terminal (+2.5V)
11	VSS	—	Ground terminal
12	MCLK2	O	Systen clock output terminal (13.5MHz)
13	MS	I	Master/slave active select terminal “L”: internal clock, “H”: external clock
14	SCKOUT	O	Internal system clock output terminal Not used (open)
15	LRCKI1	I	L/R sampling clock signal input from the audio interface receiver (IC1408)
16	VDDE	—	Power supply terminal (+3.3V)
17	BCKI1	I	Bit clock signal input from the audio interface receiver (IC1408)
18	SDI1	I	Audio data input from the A/D converter (IC1503)
19	LRCKO	O	L/R sampling clock signal output to the audio DSP2 (IC1601)
20	BCKO	O	Bit clock signal output to the audio DSP2 (IC1601)
21	VSS	—	Ground terminal
22	KFSIO	I/O	Audio clock signal (384fs/256fs) in/out terminal
23 to 26	SDO1 to SDO4	O	Audio serial data output to the audio DSP2 (IC1601)
27	SPDIF	O	S/PDIF output terminal Not used (open)
28	LRCKI2	I	L/R sampling clock signal input from the audio interface receiver (IC1408)
29	BCKI2	I	Bit clock signal input from the audio interface receiver (IC1408)
30	SDI2	I	Audio serial data input from the audio interface receiver (IC1408)
31	VSS	—	Ground terminal
32	HACN	O	Host acknowledge signal output to the system controller (IC1703)
33	HDIN	I	Host serial data input from the system contrller (IC1703)
34	HCLK	I	Host clock signal input from the system contrller (IC1703)
35	HDOUT	O	Host serial data output to the system contrller (IC1703)
36	HCS	I	Host chip select input from the system contrller (IC1703)
37	SDCLK	O	SD-RAM clock output terminal Not used (open)
38	CLKEN	O	SD-RAM clock enable output terminal Not used (open)
39	RAS	O	Row address strobe signal output terminal Not used (open)
40	VDDI	—	Power supply terminal (+2.5V)
41	VSS	—	Ground terminal
42	CAS	O	Column address strobe signal output terminal Not used (open)
43	DQM/OE0	O	Mask data output terminal
44	CS0	O	Chip select isignal output to the S-RAM (IC1502)
45	WE0	O	Write enable signal output to the S-RAM (IC1502)
46	VDDE	—	Power supply terminal (+3.3V)
47	WMD1	I	External memory wait mode setting terminal (fixed at “H”)
48	VSS	—	Ground terminal

Pin No.	Pin Name	I/O	Description
49	WMD0	I	External memory wait mode setting terminal (fixed at “H”)
50	PAGE2	O	External memory page select signal output terminal Not used (open)
51	VSS	—	Ground terminal
52, 53	PAGE1, PAGE0	O	External memory page select signal output terminal Not used (open)
54	BOOT	I	Boot mode control signal input terminal Not used (fixed at “L”)
55	BTACT	O	Boot mode display signal output terminal Not used (open)
56	BST	I	Boot strap signal input from the system contorller (IC1703)
57	MOD1	I	Mode select signal input terminal “L”: 384fs, “H”: 256fs
58	MOD0	I	Mode select signal input terminal “L”: single chip mode, “H”: can not use
59	EXLOCK	I	Error lock signal input from the digital audio interface receiver (IC1408)
60	VDDI	—	Power supply terminal (+2.5V)
61	VSS	—	Ground terminal
62, 63	A17, A16	O	Address signal output terminal Not used (open)
64 to 66	A15 to A13	O	Address signal output to the S-RAM (IC1502)
67	GP10	I	Serial clock input from the audio DSP2 (IC1601)
68	GP9	O	Signal output to the system controller (IC1703)
69	GP8	I	Audio transfer signal output to the digital audio inteface receiver (IC1408)
70	VDDI	—	Power supply terminal (+2.5V)
71	VSS	—	Ground terminal
72 to 75	D15/GP7 to D12/GP4	I/O	Two-way data bus with the S-RAM (IC1502)
76	VDDE	—	Power supply terminal (+3.3V)
77 to 80	D11/GP3 to D8/GP0	I/O	Two-way data bus with the S-RAM (IC1502)
81	VSS	—	Ground terminal
82 to 85	A9, A12 to A10	O	Address signal output to the S-RAM (IC1502)
86	TDO	O	Emulation data output terminal Not used (open)
87	TMS	I	Emulation data input start/end select terminal Not used (open)
88	XTRST	I	Emulation break signal input terminal Not used (open)
89	TCK	I	Emulation clock signal input terminal Not used (open)
90	TDI	I	Emulation data input terminal Not used (open)
91	VSS	—	Ground terminal
92 to 97	A8 to A3	O	Address signal output to the S-RAM (IC1502)
98, 99	D7, D6	I/O	Two-way data bus with the S-RAM (IC1502)
100	VDDI	—	Power supply terminal (+2.5V)
101	VSS	—	Ground terminal
102 to 105	D5 to D2	I/O	Two-way data bus with the S-RAM (IC1502)
106	VDDE	—	Power supply terminal (+3.3V)
107, 108	D1, D0	I/O	Two-way data bus with the S-RAM (IC1502)
109, 110	A2, A1	O	Address signal output to the S-RAM (IC1502)
111	VSS	—	Ground terminal
112	A0	O	Address signal output to the S-RAM (IC1502)
113	PM	I	PLL initialize signal input from the system controller (IC1703)
114	SDI3, SDI4	I	Audio serial data input data terminal Not used (open)
116	SYNC	I	Sync/unsync select signal input terminal “L”: sync (fixed at “H”)
117 to 119	VSS	—	Ground terminal
120	VDDI	—	Power supply terminal (+2.5V)

• **DIGITAL BOARD IC1601 CXD9616R (AUDIO DSP2)**

Pin No.	Pin Name	I/O	Description
1	VDDI	—	Power supply terminal (+2.5V)
2	EXTIN	I	Not used (fixed at "L")
3, 4	WMD1, WMD0	I	External memory wait mode setting terminal (fixed at "H")
5	MOD1	I	Mode select signal input terminal "L": 384fs, "H": 256fs
6	MOD0	I	Mode select signal input terminal "L": single chip mode, "H": can not use
7	VSS	—	Ground terminal
8	XRST	I	Reset signal input from the system controller (IC1703)
9	VSS	—	Ground terminal
10	SCKOUT	O	Serial clock signal output to the D/A converter (IC1201, 1202)
11	VDDI (PLL)	—	Power supply terminal (+2.5V) (for PLL)
12	SYNC	I	Sync/unsync select signal input terminal "L": sync
13 to 15	PAGE2 to PAGE0	O	External memory page select signal output terminal Not used (open)
16	PLOCK	O	Internal PLL lock signal output teminal Not used (open)
17	BTACK	I	Boot mode display signal output teminal Not used (open)
18	VDDE	—	Power supply terminal (+3.3V)
19	VSS	—	Ground terminal
20 to 22	D31 to D29	I/O	Two-way data bus with the S-RAM (IC1602)
23	A17	O	Address signal output terminal Not used (open)
24	VSS	—	Ground terminal
25	SDO3	O	Audio serial data output to the D/A converter (IC1201)
26	SDO4	O	Audio serial data output to the D/A converter (IC1202)
27, 28	SDI1, SDI2	I	Audio serial data input from the audio DSP1 (IC1501)
29	LRCKI1	I	L/R sampling clock signal input from the audio DSP1 (IC1501)
30	VSS	—	Ground terminal
31, 32	D28, D27	I/O	Two-way data bus with the S-RAM (IC1602)
33	A16	O	Address signal output terminal Not used (open)
34	A15	O	Address signal output to the S-RAM (IC1602)
35	SDI3	I	Audio serial date input from the audio DSP1 (IC1501)
36	L2	—	Not used (open)
37	VDDI	—	Power supply terminal (+2.5V)
38	BCKI1	I	Bit clock signal input from the audio DSP1 (IC1501)
39	SDI4	I	Audio serial data input from the audio DSP1 (IC1501)
40	MS	I	Master/slave active select terminal "L": internal clock, "H": external clock (fixed at "L")
41, 42	A14, A13	O	Address signal output to the S-RAM (IC1602)
43, 44	D26, D25	I/O	Two-way data bus with the S-RAM (IC1602)
45	VSS	—	Ground terminal
46	BCKI2	I	Bit clock signal input terminal Not used (open)
47, 48	FS2, FS1	I	Sampling frequency select signal input terminal Not used (open)
49	SPDIF	I	S/PDIF output terminal Not used (open)
50	A12	O	Address signal output to the S-RAM (IC1602)
51 to 53	D24 to D22	I/O	Two-way data bus with the S-RAM (IC1602)
54	VDDE	—	Power supply terminal (+3.3V)
55	VSS	—	Ground terminal
56 to 58	D21 to D19	I/O	Two-way data bus with the S-RAM (IC1602)
59	A11	O	Address signal output to the S-RAM (IC1602)

Pin No.	Pin Name	I/O	Description
60, 61	SDO1, SDO2	O	Audio serial data output to the D/A converter (IC1201)
62	KFSIO	I/O	Audio clock signal (384fs/256fs) in/out terminal
63	LRCKO	O	L/R sampling clock signal output to the D/A converter (IC1201, 1202)
64	BCKO	O	Bit clock signal output to the D/A converter (IC1201, 1202)
65	VDDI	—	Power supply terminal (+2.5V)
66	VSS	—	Ground terminal
67, 68	D18, D17	I/O	Two-way data bus with the S-RAM (IC1602)
69, 70	A10, A9	O	Address signal output to the S-RAM (IC1602)
71	CAS	O	Column address strobe signal output terminal Not used (open)
72	RAS	O	Row address strobe signal output terminal Not used (open)
73	VDDI	—	Power supply terminal (+2.5V)
74	HDIN	I	Host serial data input from the system contrller (IC1703)
75	HCLK	I	Host clock signal input from the system contrller (IC1703)
76	HCS	I	Host chip select input from the system contrller (IC1703)
77, 78	A8, A7	O	Address signal output to the S-RAM (IC1602)
79	D16	I/O	Two-way data bus with the S-RAM (IC1602)
80	D15	I/O	Two-way data bus terminal Not used (open)
81	VSS	—	Ground terminal
82	HDOUT	O	Host serial data input from the system contrller (IC1703)
83	HACN	O	Host acknowledge signal output to the system controller (IC1703)
84	CSO	O	Chip select signal output to the S-RAM (IC1602)
85	WEO	O	Write enable signal output to the S-RAM (IC1602)
86	A6	O	Address signal output to the S-RAM (IC1602)
87 to 89	D14 to D12	I/O	Two-way data bus terminal Not used (open)
90	VDDE	—	Power supply terminal (+3.3V)
91	VSS	—	Ground terminal
92 to 94	D11 to D9	I/O	Two-way data bus terminal Not used (open)
95	A5	O	Address signal output to the S-RAM (IC1602)
96	VDDI	—	Power supply terminal (+2.5V)
97	TCK	I	Emulation clock signal input terminal Not used (open)
98	TDI	I	Emulation data input terminal Not used (open)
99	TDO	O	Emulation data input terminal Not used (open)
100	TMS	I	Emulation data input start/end select Not used (open)
101	XTRST	I	Emulation break signal input terminal Not used (open)
102	VSS	—	Ground terminal
103, 104	D8, D7	I/O	Two-way data bus terminal Not used (open)
105, 106	A4, A3	O	Address signal output to the S-RAM (IC1602)
107, 108	GP10, GP9	—	Not used (open)
109	VDDI	—	Power supply terminal (+2.5V)
110	GP8	—	Not used (open)
111	GP7	I	Serial clock signal input terminal
112	GP6	—	Not used (open)
113, 114	A2, A1	O	Address signal output to the S-RAM (IC1602)
115, 116	D6, D5	I/O	Two-way data bus terminal Not used (open)
117	VSS	—	Ground terminal
118, 119	GP5, GP4	—	Not used (open)

Pin No.	Pin Name	I/O	Description
120	GP3	O	Error signal output to the system controller (IC1703)
121	NC	—	Not used (open)
122	A0	O	Address signal output to the S-RAM (IC1602)
123 to 125	D4 to D2	I/O	Two-way data bus terminal Not used (open)
126	VDDE	—	Power supply terminal (+3.3V)
127	VSS	—	Ground terminal
128, 129	D1, D0	I/O	Two-way data bus terminal Not used (open)
130	GP2	—	Not used (open)
131	GP1	I	Clock signal input from the digital audio interface receiver (IC1408)
132	GP0	I	Serial clock signal input terminal
133	SDCLK	O	Not used (open)
134	CLKEN	O	Not used (open)
135	DQM	O	Not used (open)
136	EXLOCK	I	External lock signal input from the system controller (IC1703)
137	VDDI	—	Power supply terminal (+2.5V)
138	VSS	—	Ground terminal
139	MCLK2	O	System clock output terminal (13.5MHz)
140	PM	I	PLL initialize signal input from the system controller (IC1703)
141	BST	I	Boot strap signal input from the system controller (IC1703)
142	BOOT	I	Boot mode control signal input terminal Not used (fixed at “L”)
143	TST	I	Not used (fixed at “L”)
144	MCLK1	I	System clock output terminal (13.5MHz)

• **DIGITAL BOARD IC1703 MB91154PMT2-G-102-E1 (SYSTEM CONTROLLER)**

Pin No.	Pin Name	I/O	Description
1	H.P IN	I	Headphone detect signal input from the HP jack (J749) "H": active
2	SP A RY	O	Front speaker A relay drive signal output terminal "H": relay on
3	H/P RY	O	Headphone relay drive signal output terminal "H": relay on
4	WOOFER RY	O	Woofer speaker relay drive signal output terminal "H": relay on
5	REAR RY	O	Rear speaker drive signal output terminal "H": relay on
6	CENTER RY	O	Center and surround back speakers drive signal output terminal "H": relay on
7	2ND AUDIO RY	O	2nd audio relay drive signal output terminal "H": relay on
8	PRE RY	O	Pre relay drive signal output terminal "H": relay on
9	VSS	—	Ground terminal
10	SB RY	I	Center and surround back speakers drive signal output terminal "H": relay on
11	C.JOG	I	Jog dial pulse input from the RV1901 (jog dial) A phage input
12	C.JOG	I	Jog dial pulse input from the RV1901 (jog dial) B phage input
13	F.JOG	I	Jog dial pulse input from the RV1801 (FUNCTION) A phage input
14	F.JOG	I	Jog dial pulse input from the RV1801 (FUNCTION) B phage input
15	V.JOG	I	Jog dial pulse input from the RV1601 (MASTER VOLUME) A phage input
16	V.JOG	I	Jog dial pulse input from the RV1601 (MASTER VOLUME) B phage input
17	SP.SW	I	Speaker ON/OFF signal input terminal "L": speaker on
18	POWER.RY	O	Power relay drive signal output terminal "H": relay on
19	TUNER AUTO STOP	I	Tuned display auto stop detect signal input from the FM/AM tuner unit "L": active
20	TUNER MUTE	O	Muitng control signal output to the FM/AM tuner unit "L": muting
21	DATA	O	Serial data output to the FM/AM tuner unit, LED drive (IC1602), function switch (IC101, 102, 105, 201) and electrical volume (IC401, 501, 601, 701)
22	CLK	O	Serial data transfer clock signal output to the FM/AM tner unit, LED drive (IC1602), function switch (IC101, 102, 105, 201) and electrical volume (IC401, 501, 601, 701)
23	TUNER DATA IN	I	PLL data input from the FM/AM tuner unit
24	F. SW LAT	O	Serial data latch pulse output to the function switch (IC101, 102, 105, 201) and electrical volume (IC401, 501, 601, 701) "H": active
25	TUNER STEREO	I	FM stereo detection signal input from the FM/AM tuner unit "L": stereo
26	VSS	—	Ground terminal
27	VCC	—	Power supply terminal (+3.3V)
28	RDS DATA	O	RDS sireal data output to the RDS decoder (IC1303) (AEP, UK models only)
29	VIDEO SW1	O	Video select signal output to the video switch (IC308) and S-VIDEO switch (IC750, 752)
30	VIDEO SW2	O	Video select signal output to the video switch (IC308) and S-VIDEO switch (IC750, 752)
31	VIDEO SW3	O	Video select signal output to the video select switch (IC308) and S-VIDEO select switch (IC750, 752)
32	VIDEO SW4	O	Video select signal output to the video select switch (IC308) and S-VIDEO select switch (IC750, 752)
33	VSYNC	I	Vertical synchronized signal input from the LA7213 (IC309, 311) (DB1070: AEP, UK,E, Chinese models only)
34	P/N	O	NTSC/PAL select signal output terminal "L": NTSC (DB1070: US, Canadian models) "H": PAL (DB1070: AEP, UK,E, Chinese models)
35	HDOUT1	I	Host serial data input from the audio DSP1 (IC1501)
36, 37	OPT B, OPT A	O	Digital input select signal output to the select switch (IC1406)
38	LED CE	O	Chip enable signal output to the LED driver (IC1602)
39	LED CLR	O	Clear signal output to the LED driver (IC1602)
40	TUNER LAT	O	Tuner latch signal output to the FM/AM tuner unit

Pin No.	Pin Name	I/O	Description
41	M STATUS	O	STATUS (M BUS) control signal output to the select switch (IC751)
42	D.POWER	O	Power ON/OFF control signal output terminal (digital section power)
43	V.POWER	O	Power ON/OFF control signal output terminal (video section power)
44	VSS	—	Ground terminal
45, 46	NC	I	Not used (fixed at "L")
47	ERROR	I	Error signal input from the audio DSP (IC1601)
48	NC	I	Not used (fixed at "L")
49	SUB.T.PORT	O	Sub power transformer (T2) on/off signal output terminal
50	AUDIO SPLIT LED	O	LED drive signal output of AUDIO SPLIT indicator (D1801)
51	GND	—	Not used (fixed at "L")
52	MD2	O	MD2 signal output terminal (fixed at "L")
53	MD1	O	MD1 signal output terminal (fixed at "H")
54	MD0	O	MD0 signal output terminal (fixed at "H")
55	RSTX	I	System reset signal input from the reset signal generator (IC1702)
56	VCC	—	Power supply terminal (+3.3V)
57	X1	O	Main system clock output terminal (16.5MHz)
58	X0	I	Main system clock output terminal (16.5MHz)
59	VSS	—	Ground terminal
60	STOP	I	AC power check signal input terminal
61	RDS CLK	I	RDS serial data transfer clock signal input from the RDS decoder (IC1303)
62	POWER	I	Key input terminal I/⏻ key (S1704) input
63	MBUS TV	I	TV (M BUS) signal input from the TV jack (J755) (US, Canadian models only)
64	MBUS DVD	I	DVD (M BUS) signal input terminal (US, Canadian models only)
65	MBUS VIDEO	I	VIDEO (M BUS) input terminal (US, Canadian models only)
66	SIRCS	I	Sircs signal input from the remote control receiver (IC1701) and select switch (IC751)
67	DIR ERROR	I	Error signal input from the digital audio interface receiver (IC1408)
68	VCC	—	Power supply terminal (+3.3V)
69	XSTATE	I	Clock status flag signal input from the digital audio interface receiver (IC1408)
70	DATA0	I	Audio data input from the digital audio interface receiver (IC1408)
71	XMODE	O	Reset signal output to the digital audio interface receiver (IC1408) "L": active
72	CKSEL1	O	System clock select 1 output to the digital audio interface receiver (IC1408)
73	CLK	O	Clock signal output to the digital audio interface receiver (IC1408)
74	CE	O	Chip enable signal output to the digital audio interface receiver (IC1408)
75	DI	O	Data output to the digital audio interface receiver (IC1408)
76	DO	I	Data input from the digital audio interface receiver (IC1408)
77	VCC	—	Power supply terminal (+3.3V)
78	BST	O	Booster control signal output to the audio DSP2 (IC1601)
79	PM2	O	PLL initialize signal output to the audio DSP2 (IC1601)
80	XRST2	O	Reset signal output to the audio DSP2 (IC1601)
81	HACN2	I	Host acknowledge signal input from the audio DSP2(IC1601)
82	HCS2	O	Host chip select signal output to the audio DSP2 (IC1601)
83	GB9	I	Signal input from the audio DSP1 (IC1501)
84	BST1	O	Boot strap signal output to the audio DSP1 (IC1501)
85	HCS1	O	Host chip select signal output to the audio DSP1 (IC1501)
86	A1 IN	I	Audio bus input terminal (control A1)
87	A1 OUT	O	Audio bus output terminal (control A1)

Pin No.	Pin Name	I/O	Description
88	HACN1	I	Host acknowledge signal input from the audio DSP1(IC1501)
89	XRST1	O	Reset signal output to the audio DSP1 (IC1501)
90	PM1	O	PLL initialize signal output to the audio DSP1 (IC1501)
91	ADC : RST	O	Reset signal output to the A/D converter (IC1101)
92	DACINT	O	Reset signal output to the D/A converter (IC1201)
93	DA1LAT	O	Serial data latch pulse output to the D/A converter (IC1201)
94	(PG3) DACCLK	O	Serial data transfer clock signal output to the D/A converter (IC1201, 1202)
95	(PG4) DACDI	O	Serial date output to the D/A converter (IC1201, 1202)
96	(PG5) 2EXLOCK	O	Extarnal lock signal output to the audio DSP (IC1601)
97	VCC	—	Power supply terminal (+3.3V)
98	VSS	—	Ground terminal
99	EEPROM SDA	I/O	Two-way data bus with the EEPROM (IC1701)
100	EEPROM SCL	O	Serial data transfer clock signal output to the EEPROM (IC1701)
101	VSS	—	Ground terminal
102	HCLK	O	Host clock signal output to the audio DSP (IC1501, 1601)
103	HDIN	O	Host serial data output to the audio DSP (IC1501, 1601)
104	HDOUT2	I	Host serial data input from the audio DSP (IC1601)
105	CLK	O	OSD serial data transfer clock signal output to the select switch (IC307)
106	DATA	O	OSD serial data output to the select switch (IC307)
107	LAT	O	OSD serial data latch pulse output to the select switch (IC307)
108	DAIDO	I	Serial data input from the D/A converter (IC1201)
109	SOTI	O	UART signal output terminal Not used (fixed at “L”)
110	SIN1	I	UART signal input terminal Not used (fixed at “L”)
111	CLK	O	Serial data transfer clock signal output to the FL display driver (IC1601)
112	DIN	O	Serial data output to the FL display driver (IC1601)
113	LAT	O	Serial data latch pulse output to the FL display driver (IC1601)
114	CLR	O	Clear signal output to the FL display driver (IC1601)
115	VOL IC LAT	O	Serial data latch pulse output to the electrical volume (IC401, 501, 601, 701)
116	SYSTEM MUTE	O	System muting control signal output terminal
117	AC MUTE	O	Audio muting control signal output to the poweramp (IC403, 503, 603)
118	PROTECTOR	I	Over load detection signal input from the protect circuit “L”: protect detect
119	DA2LAT	O	Serial data latch pulse output to the A/D, D/A converter (IC1202)
120	CD DIRECT	O	CD direct relay drive signal output terminal “H”: relay on
121	ANALOG DIGITAL	O	Analog/digital select signal output to the TC7WH157FU (IC1407) “L”: analog, “H”: digital
122	VCC	—	Power supply terminal (+3.3V)
123	A. DIRECT	O	MULT/2CH DIRECT select signal output terminal Not used (open)
124	NC	—	Not used (open)
125	NC	—	Not used (open)
126	DAVS	—	Ground terminal (for digital)
127	DAVC	—	Power supply terminal (+3.3V) (for digital)
128	AVCC	—	Power supply terminal (+3.3V) (for analog)
129	AVRH	—	Reference voltage input (+3.3V) terminal (for analog)
130	AVRL	—	Connect to ground (for analog)
131	AVSS	—	Ground terminal (for terminal)

Pin No.	Pin Name	I/O	Description
132	AD1	I	Key input terminal (A/D input) S1702, 1703, 1941 to 1945 (DIMMER, DISPLAY, ON SCREEN (DB1070), FM/AM, SHIFT, PRESET TUNING – /+)
133	AD2	I	Key input terminal (A/D input) S1911 to 1918 (EQUALIZER, STREAM INFO (DB870)/ 2ND ROOM (DB1070), TEST TONE, TUNING +/–, SLEEP (US, Canadian, E, Chinese models)/RDS/PTY (AEP, UK models) FM MODE, MEMORY)
134	AD3	I	Key input terminal (A/D input) S1901 to 1908 (ENTER, >, <, LEVEL, SUR, EQ, NAME, SET UP)
135	AD4	I	Key input terminal (A/D input) S1921 to 1925 (6.1CH DECODING, CINEMA STUDIO EX, DIGITAL CONCERT HALL, 2CH, A.F.D.)
136	AD5	I	Key input terminal (A/D input) S1801 to 1803, 1931 to 1934 (INPUT MODE, AUDIO SPLIT, MUTING, MODE – , NIGHT MODE, MULTI/2CH A.DIRECT, MODE +)
137	VERSION1	I	Version setting signal input terminal
138	VERSION2	I	Version setting signal input terminal
139	RDS SIGNAL	I	FM IF signal input from the tuner unit (AEP, UK models only)
140	VCC2	—	Power supply terminal (+3.3V)
141	BACKUP	—	Power supply terminal (+3.3V) (for back up)
142	GND	—	Ground terminal
143	OPEN	—	Not used (open)
144	VSS	—	Ground terminal

• **VIDEO BOARD IC307 MB90089F-G-238-BND (OSD DRIVER)**

Pin No.	Pin Name	I/O	Description
1	YIN	I	Y (luminance) signal input from the Y switch (IC752)
2	CIN	I	C (color) signal input from the C switch (IC750)
3	VIN	I	Composite video signal input from the video select (IC308)
4	AVCC	—	Power supply terminal (+5V) (for analog)
5	FSCO	O	Internal color burst phase display signal output terminal Not used (open)
6	VBLK	O	Vertical blanking timing signal output terminal Not used (open)
7	VCC	—	Power supply terminal (+5V)
8	EXS	I	External clock generator circuit for color burst (NTSC: 14.31818MHz, PAL: 17.734475MHz)
9	XS	O	Clock signal output terminal for color burst Not used (open)
10	HSYNC	O	Horizontal synchronizing signal output terminal (for test)
11	VSYNC	O	Vertical synchronizing signal output terminal (for test)
12	EXHSYN	I	External horizontal synchronizing signal input terminal Not used (open)
13	EXVSYN	I	External vertical synchronizing signal input terminal Not used (open)
14	VSS	—	Ground terminal
15	EXD	I	Dot clock generator connecting terminal for display
16	XD	O	Dot clock generator connecting terminal for display
17	VOB	O	Blanking signal output terminal Not used (open)
18	VOC2	O	color signal output terminal Not used (open)
19	VOC1	O	color signal output terminal Not used (open)
20	VOC0	O	color signal output terminal Not used (open)
21	TEST	I	Test signal input terminal “L”: test (normally: fixed at “H”)
22	SCLK	I	Serial data transfer shift clock signal input terminal
23	SIN	I	Serial data input terminal
24	CS	I	Chip select signal input terminal “L”: active
25	VOUT	O	Composite video signal output to the video buffer (IC305)
26	COUT	O	C (color) signal output to the video buffer (IC305)
27	YOUT	O	Y (luminance) signal output to the video buffer (IC305)
28	AVSS	—	Ground terminal (for analog)

SECTION 7
EXPLODED VIEWS

NOTE:
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories are given in the last of the electrical parts list.

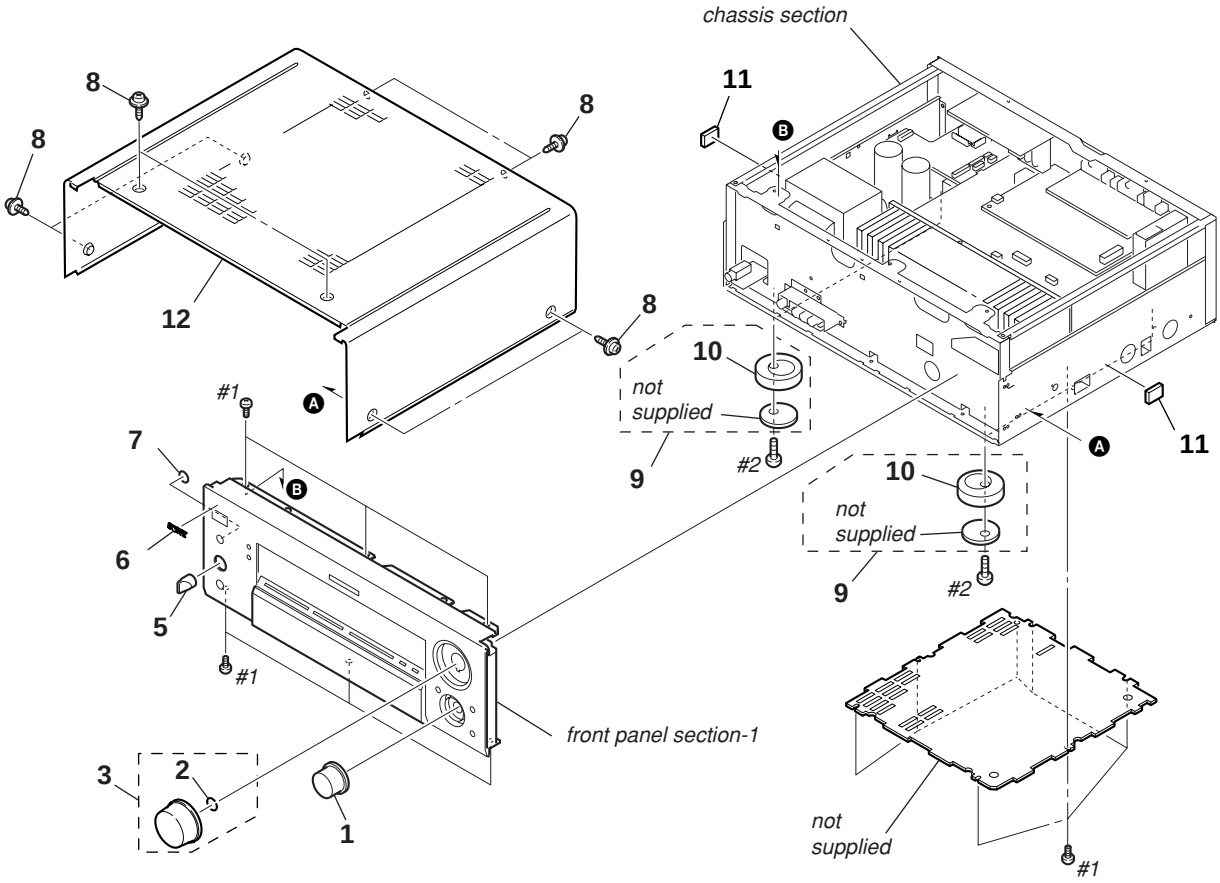
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

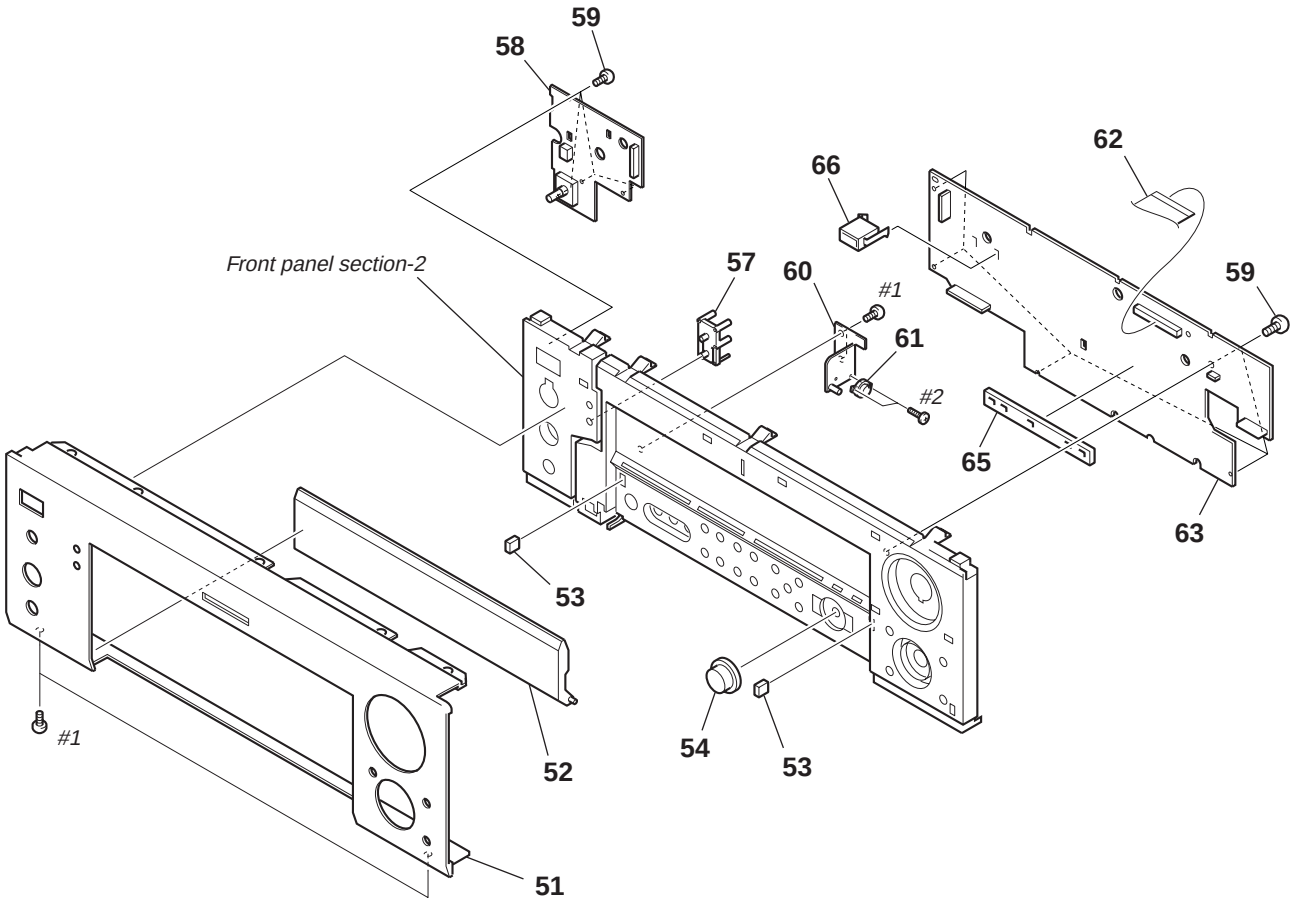
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  E2 : 120 V AC area in E model
  E3 : 240 V AC area in E model
  KR : Korean model
  MY : Malaysia model
  SP : Singapore model
  TW : Taiwan model

7-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
1	X-4948-601-1	KNOB (FUNC) ASSY (BLACK)	
1	X-4948-634-1	KNOB (FUNC) ASSY (GOLD)	
1	X-4950-280-1	KNOB (FUNC) ASSY (SILVER)	
2	3-703-466-00	SPRING (6600)	
3	X-4953-670-1	KNOB (VOL-E) ASSY (BLACK)	
3	X-4953-671-1	KNOB (VOL-E) ASSY (GOLD)	
3	X-4953-672-1	KNOB (VOL-E) ASSY (SILVER)	
5	4-233-626-01	KNOB (F14B) (BLACK)	
5	4-233-626-11	KNOB (F14B) (GOLD)	
5	4-233-626-21	KNOB (F14B) (SILVER)	
6	4-942-568-41	EMBLEM (NO.5), SONY (BLACK)	
6	4-942-568-51	EMBLEM (NO.5), SONY (GOLD)	
6	4-942-568-61	EMBLEM (NO.5), SONY (SILVER)	
7	X-4953-000-1	WINDOW ASSY, REMOTE CONTROL	
8	4-227-843-01	SCREW (TP), FLAT HEAD (BLACK)...(BLACK)	
8	4-227-843-11	SCREW (TP), FLAT HEAD (SILVER)...(SILVER, GOLD)	
9	X-4952-818-1	FOOT ASSY (F50180S) (US, CND)	
9	X-4952-819-1	FOOT ASSY (F50180S) (EXCEPT US, CND/SILVER)	
9	X-4952-820-1	FOOT ASSY (F50180S) (GOLD)	
10	4-970-123-41	FOOT (F50180S) (US, CND)	
10	4-970-123-51	FOOT (F50180S) (EXCEPT US, CND/SILVER)	
10	4-970-123-61	FOOT (F50180S) (GOLD)	
11	4-985-642-01	CUSHION	
* 12	X-4950-431-1	CASE ASSY (BLACK)	
* 12	X-4950-432-1	CASE ASSY (SILVER)	
* 12	X-4950-437-1	CASE ASSY (GOLD)	

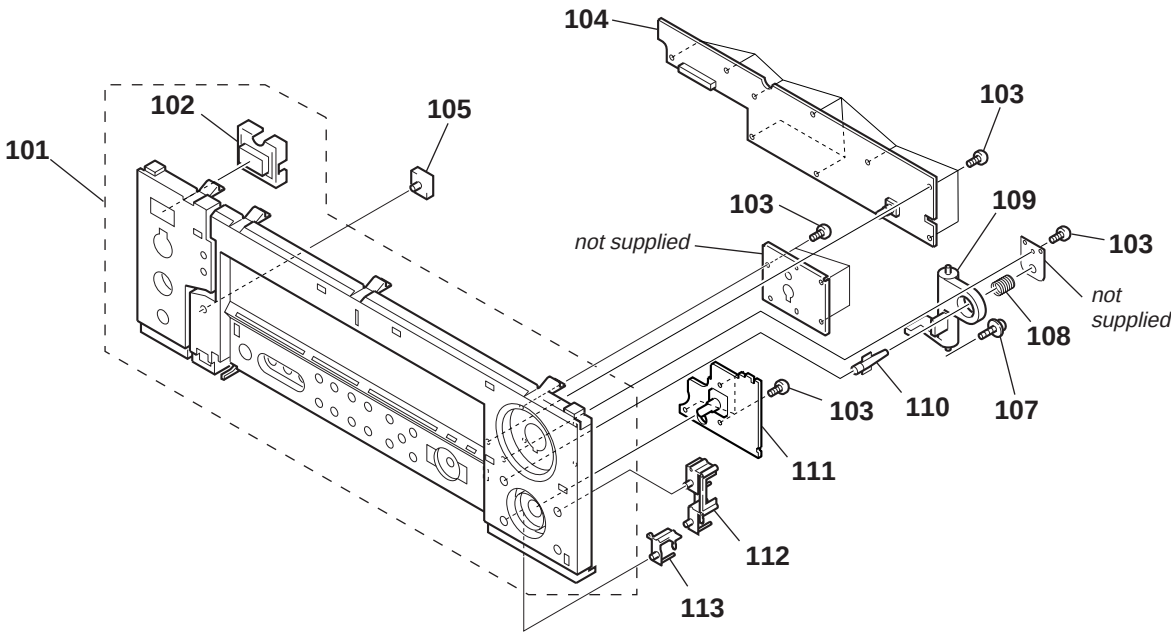
7-2. FRONT PANEL SECTION-1



Ref. No.	Part No.	Description	Remark
51	4-233-627-01	PANEL, FRONT (DB1070: CND, E2, E3, US)	
51	4-233-627-11	PANEL, FRONT (for BLACK) (DB1070: AEP, UK)	
51	4-233-627-21	PANEL, FRONT (for SILVER) (DB1070: AEP, UK)	
51	4-233-627-31	PANEL, FRONT (CH, KR, MY, SP, TW)	
51	4-233-627-51	PANEL, FRONT (DB870: CND)	
51	4-233-627-61	PANEL, FRONT (for BLACK) (DB870: AEP, UK)	
51	4-233-627-71	PANEL, FRONT (for SILVER) (DB870: AEP, UK)	
52	A-2004-824-A	LID ASSY (for SILVER) (DB870: AEP, UK)	
52	A-4412-934-A	LID ASSY (for BLACK) (DB870: AEP, CND, UK)	
52	A-4412-938-A	LID ASSY (for BLACK) (DB1070: AEP, CND, E2, E3, UK, US)	
52	A-4412-940-A	LID ASSY (CH, KR, MY, SP, TW)	
52	A-4412-942-A	LID ASSY (for SILVER) (DB1070: AEP, UK)	
53	3-736-779-41	MAGNET (BLACK)	
53	3-736-779-71	MAGNET (SILVER)	
53	3-736-779-81	MAGNET (GOLD)	

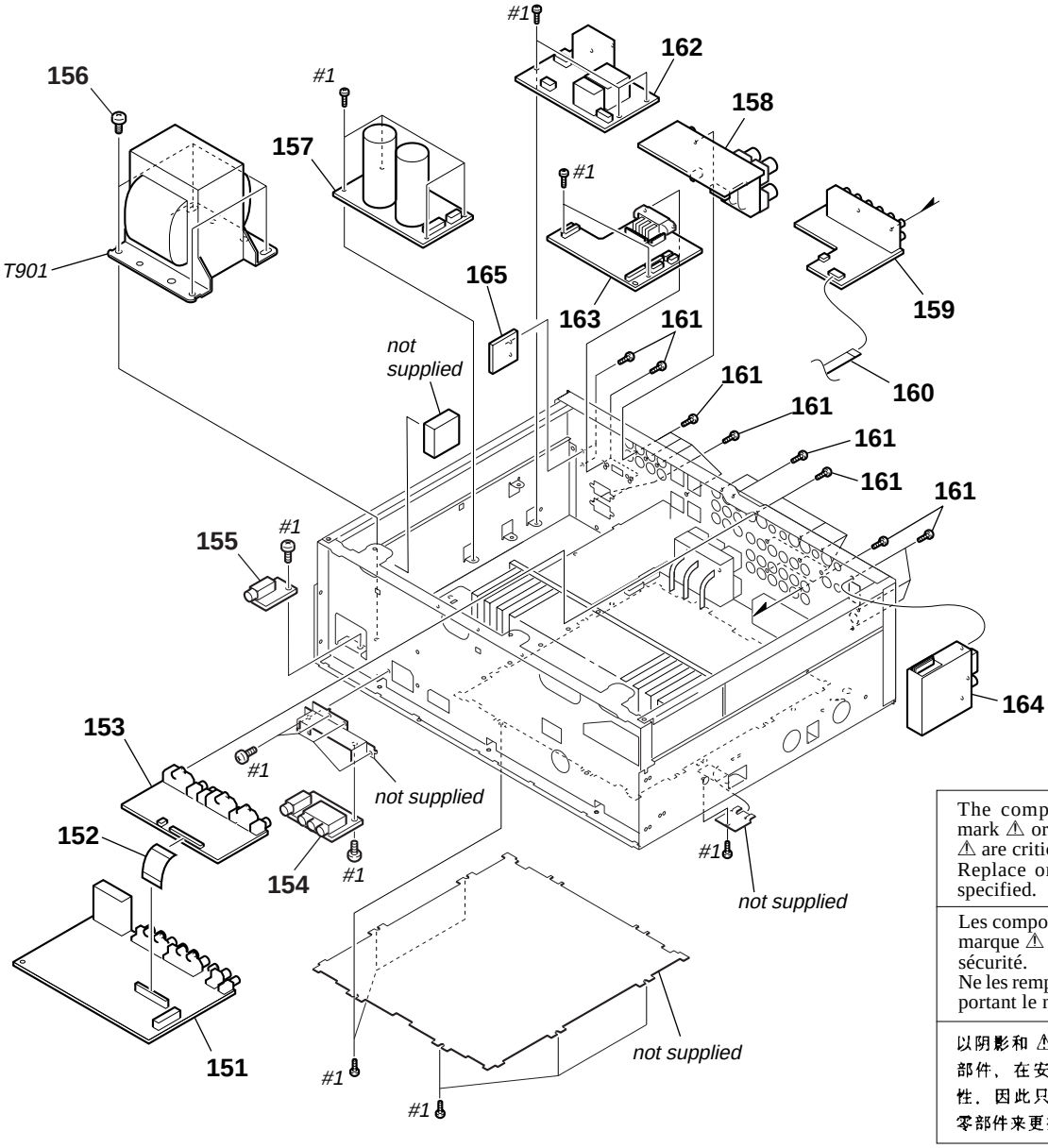
Ref. No.	Part No.	Description	Remark
54	4-217-729-01	KNOB (JOG) (BLACK)	
54	4-217-729-11	KNOB (JOG) (GOLD)	
54	4-217-729-21	KNOB (JOG) (SILVER)	
57	4-227-138-01	BUTTON (DISPLAY) (BLACK)	
57	4-227-138-11	BUTTON (DISPLAY) (GOLD)	
57	4-227-138-21	BUTTON (DISPLAY) (SILVER)	
58	1-681-101-11	POWER BOARD	
59	4-951-620-01	SCREW (2.6X8), +BVTP	
60	X-4952-753-1	BRACKET (DAMPER L) ASSY	
61	3-973-975-31	DAMPER, OIL	
62	1-765-352-11	WIRE (FLAT TYPE) (31 CORE)	
63	A-4476-467-A	DISP BOARD, COMPLETE (DB870)	
63	A-4476-500-A	DISP BOARD, COMPLETE (DB1070)	
65	4-227-153-01	SHEET (LIGHT INTERCEPTION)	
66	4-233-625-01	HOLDER (6.1CH)	

7-3. FRONT PANEL SECTION-2



Ref. No.	Part No.	Description	Remark
101	X-4953-673-1	BASE ASSY, PANEL (DB1070: CND, E2, E3, US)	
101	X-4953-674-1	BASE ASSY, PANEL (for BLACK) (DB1070: AEP, UK)	
101	X-4953-675-1	BASE ASSY, PANEL (for SILVER) (DB1070: AEP, UK)	
101	X-4953-676-1	BASE ASSY, PANEL (CH, KR, MY, SP, TW)	
101	X-4953-677-1	BASE ASSY, PANEL (DB870: CND)	
101	X-4953-678-1	BASE ASSY, PANEL (for BLACK) (DB870: AEP, UK)	
101	X-4953-741-1	BASE ASSY, PANEL (for SILVER) (DB870: AEP, UK)	
102	4-998-592-01	BUTTON (POWER) (BLACK)	
102	4-998-592-12	BUTTON (POWER) (GOLD)	
102	4-998-592-23	BUTTON (POWER) (SILVER)	
103	4-951-620-01	SCREW (2.6X8), +BVTP	
104	A-4476-470-A	SW BOARD, COMPLETE (DB870)	
104	A-4476-501-A	SW BOARD, COMPLETE (DB1070)	
105	4-233-621-01	BUTTON (ON SCREEN) (BLACK) (DB1070)	
105	4-233-621-11	BUTTON (ON SCREEN) (GOLD) (DB1070)	
105	4-233-621-21	BUTTON (ON SCREEN) (SILVER)(DB1070)	
107	4-913-587-81	BLACKET, YOKE	
108	4-227-150-01	SPRING, COMPRESSION	
109	4-227-143-01	LEVER (OPEN) (BLACK)	
109	4-227-143-11	LEVER (OPEN) (GOLD)	
109	4-227-143-21	LEVER (OPEN) (SILVER)	
110	4-227-142-01	BUTTON (OPEN) (BLACK)	
110	4-227-142-11	BUTTON (OPEN) (GOLD)	
110	4-227-142-21	BUTTON (OPEN) (SILVER)	
111	1-681-100-11	MUTING BOARD	
112	X-4952-765-1	BUTTON (MUTING) ASSY (BLACK)	
112	X-4952-766-1	BUTTON (MUTING) ASSY (GOLD)	
112	X-4952-767-1	BUTTON (MUTING) ASSY (SILVER)	
113	4-233-620-01	BUTTON (INPUT MODE) (BLACK)	
113	4-233-620-11	BUTTON (INPUT MODE) (GOLD)	
113	4-233-620-21	BUTTON (INPUT MODE) (SILVER)	

7-4. CHASSIS SECTION-1



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Replace only with part number specified.

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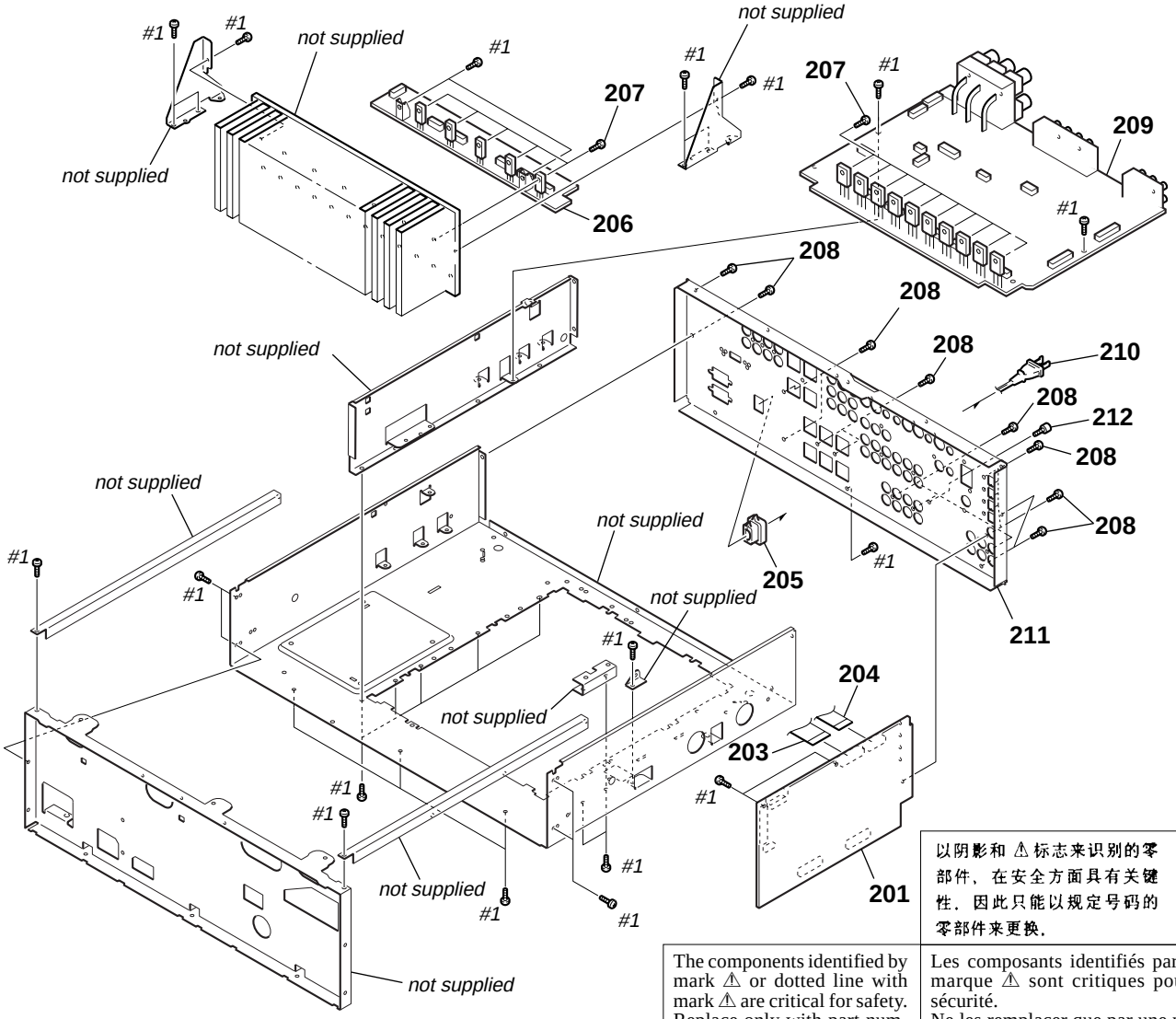
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description	Remark
151	A-4476-492-A	VIDEO BOARD, COMPLETE (DB870: AEP, UK)	
151	A-4476-477-A	VIDEO BOARD, COMPLETE (DB870: CND)	
151	A-4476-516-A	VIDEO BOARD, COMPLETE (DB1070: EXCEPT US, CND)	
151	A-4476-505-A	VIDEO BOARD, COMPLETE (DB1070: CND, US)	
152	1-773-105-11	WIRE (FLAT TYPE) (19 CORE)	
153	A-4476-493-A	S-VIDEO BOARD, COMPLETE (DB870: AEP, UK)	
153	A-4476-478-A	S-VIDEO BOARD, COMPLETE (DB870: CND)	
153	A-4476-517-A	S-VIDEO BOARD, COMPLETE (DB1070: EXCEPT US, CND)	
153	A-4476-506-A	S-VIDEO BOARD, COMPLETE (DB1070: CND, US)	
154	1-681-104-11	VIDEO 3 BOARD	
155	1-681-103-11	H.P BOARD	
156	4-900-386-01	SCREW	
157	1-681-092-11	DC1 BOARD	
158	1-681-105-11	SP BOARD	
159	1-681-096-11	VIDEO AU BOARD	
160	1-769-904-11	WIRE (FLAT TYPE) (9 CORE)	

Ref. No.	Part No.	Description	Remark
161	3-704-515-21	SCREW (BV/RING)	
162	1-681-091-11	AC BOARD	
163	A-4726-835-A	DC 2 BOARD, COMPLETE (DB1070: CND)	
163	A-4476-491-A	DC 2 BOARD, COMPLETE (DB870: AEP, UK)	
163	A-4476-476-A	DC 2 BOARD, COMPLETE (DB870: CND)	
163	A-4476-529-A	DC 2 BOARD, COMPLETE (DB1070: AEP, UK)	
163	A-4476-515-A	DC 2 BOARD, COMPLETE (CH, E2, E3, KR, MY, SP, TW)	
163	A-4476-504-A	DC 2 BOARD, COMPLETE (US)	
164	1-693-539-21	TUNER (DB870: CND/DB1070: CND, E2, E3, US)	
164	1-693-540-21	TUNER(DB870: AEP, UK/ DB1070: AEP, CH, KR, MY, SP, TW, UK)	
165	1-681-106-11	V.SWITCH BOARD (E2, E3)	
⚠T901	1-437-324-11	TRANSFORMER, POWER (TW)	
⚠T901	1-437-325-11	TRANSFORMER, POWER (CND, US)	
⚠T901	1-437-327-11	TRANSFORMER, POWER (DB870: AEP, UK / DB1070: AEP, CH, KR, MY, SP, UK)	
⚠T901	1-437-328-11	TRANSFORMER, POWER (E2, E3)	

7-5. CHASSIS SECTION-2



以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
201	A-4476-496-A	DIGITAL BOARD, COMPLETE (DB870: AEP, UK)	
201	A-4476-481-A	DIGITAL BOARD, COMPLETE (DB870: CND)	
201	A-4476-530-A	DIGITAL BOARD, COMPLETE (DB1070: AEP, UK)	
201	A-4476-508-A	DIGITAL BOARD, COMPLETE (DB1070: CND, US)	
201	A-4476-519-A	DIGITAL BOARD, COMPLETE (CH, KR, MY, SP, TW)	
201	A-4476-525-A	DIGITAL BOARD, COMPLETE (E2, E3)	
203	1-769-939-11	WIRE (FLAT TYPE) (11 CORE) (DB870: AEP, UK)	
203	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (DB1070: EXCEPT US, CND)	
203	1-773-143-11	WIRE (FLAT TYPE) (21 CORE) (CND, US)	
204	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (DB870)	
204	1-773-003-11	WIRE (FLAT TYPE) (15 CORE) (DB1070)	
* 205	3-703-244-00	BUSHING (2104), CORD	
206	A-4476-487-A	BIAS BOARD, COMPLETE (DB870: AEP, UK)	
206	A-4726-840-A	BIAS BOARD, COMPLETE (DB870: CND)	
206	A-4476-528-A	BIAS BOARD, COMPLETE (DB1070: AEP, UK)	
206	A-4476-841-A	BIAS BOARD, COMPLETE (DB1070: CND)	
206	A-4476-512-A	BIAS BOARD, COMPLETE (CH, E2, E3, KR, MY, SP, TW)	
206	A-4476-499-A	BIAS BOARD, COMPLETE (US)	
207	3-905-609-11	SCREW (TRANSISTOR)	
208	3-704-515-21	SCREW (BV/RING)	

Ref. No.	Part No.	Description	Remark
209	A-4476-486-A	MAIN BOARD, COMPLETE (DB870: AEP, UK)	
209	A-4476-485-A	MAIN BOARD, COMPLETE (DB870: CND)	
209	A-4476-527-A	MAIN BOARD, COMPLETE (DB1070: AEP, UK)	
209	A-4476-510-A	MAIN BOARD, COMPLETE (DB1070: CND)	
209	A-4476-511-A	MAIN BOARD, COMPLETE (CH, E2, E3, KR, MY, SP, TW)	
209	A-4476-498-A	MAIN BOARD, COMPLETE (US)	
⚠210	1-769-079-21	CORD, POWER (KR)	
⚠210	1-769-743-11	CORD, POWER (CND)	
⚠210	1-777-071-21	CORD, POWER (DB870: AEP, UK/ DB1070: AEP, E2, E3, MY, SP, TW, UK)	
⚠210	1-782-464-21	CORD, POWER (CH)	
⚠210	1-783-820-11	CORD, POWER (US)	
211	4-233-610-01	PANEL (B9), BACK (US)	
211	4-233-610-11	PANEL (B9), BACK (DB1070: CND)	
211	4-233-610-21	PANEL (B9), BACK (MY, SP)	
211	4-233-610-31	PANEL (B9), BACK (CH)	
211	4-233-610-51	PANEL (B9), BACK (DB1070: AEP, UK)	
211	4-233-610-71	PANEL (B9), BACK (E2, E3)	
211	4-233-610-81	PANEL (B9), BACK (TW)	
211	4-233-610-91	PANEL (B9), BACK (KR)	
211	4-233-630-11	PANEL (B8.E10), BACK (DB870: CND)	
211	4-233-630-21	PANEL (B8.E10), BACK (DB870: AEP, UK)	
212	4-947-010-01	SCREW, FEEDER FIXED	

SECTION 8
ELECTRICAL PARTS LIST

AC

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Abbreviation
  CH : Chinese model
  CND : Canadian model
  E2 : 120 V AC area in E model
  E3 : 240 V AC area in E model
  KR : Korean model
  MY : Malaysia model
  SP : Singapore model
  TW : Taiwan model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
	1-681-091-11	AC BOARD			
		*********			
	1-533-217-31	HOLDER, FUSE			
		< CAPACITOR >			
C51	1-126-927-11	ELECT	2200uF	20%	10V
C52	1-137-368-11	MYLAR	0.0047uF	5%	50V
C53	1-137-465-11	MYLAR	0.056uF	5%	50V
C54	1-126-767-11	ELECT	1000uF	20%	16V
C55	1-126-959-11	ELECT	0.47uF	20%	50V
C56	1-128-817-11	CERAMIC	470PF	5%	50V
		< CONNECTOR >			
* CN1	1-565-792-11	PIN, CONNECTOR 2P			
CN2	1-564-321-00	PIN, CONNECTOR 2P			
CN3	1-568-106-11	PIN, CONNECTOR 4P (E2, E3)			
		< JACK >			
⚠CNJ1	1-251-718-11	OUTLET (2 GANG) , AC (AC OUTLET)			(CND, E2, E3, TW. US)
⚠CNJ1	1-785-285-11	OUTLET, AC (1P) (AC OUTLET)			(AEP, MY, SP, UK)
⚠CNJ1	1-815-076-11	OUTLET, AC 2P (AC OUTLET) (CH)			
⚠CNJ1	1-815-751-11	OUTLET, AC 1P (AC OUTLET) (KR)			
		< DIODE >			
D51	8-719-911-19	DIODE 1SS199-25			
D52	8-719-911-19	DIODE 1SS199-25			
D53	8-719-911-19	DIODE 1SS199-25			
D54	8-719-210-21	DIODE 11EQS04			
D55	8-719-210-21	DIODE 11EQS04			
D56	8-719-210-21	DIODE 11EQS04			
D57	8-719-210-21	DIODE 11EQS04			
D58	8-719-024-99	DIODE 11ES2-NTA2B			
		< TERMINAL >			
* EB1	1-537-738-21	TERMINAL, EARTH (CND, US)			
* EB51	1-537-738-21	TERMINAL, EARTH			
		< FUSE >			
⚠F1	1-532-504-51	FUSE (T4AL/250V)			(AEP, CH, E2, E3, KR, SP, UK)
⚠F1	1-533-311-11	FUSE GLASS CYLINDRICAL (DIA.5) (8A/125V)			(TW)
⚠F1	1-533-312-11	FUSE GLASS CYLINDRICAL (DIA.5)			(10A/125V) (CND, US)
⚠F2	1-532-464-51	FUSE (T2.5AL/250V)			(AEP, CH, KR, MY, SP, UK)
⚠F2	1-533-312-11	FUSE GLASS CYLINDRICAL (DIA.5)			(10A/125V) (CND, US)
		< TRANSISTOR >			
Q51	8-729-119-78	TRANSISTOR	2SC2785-HFE		
Q52	8-729-201-53	TRANSISTOR	2SA1015-GR		
Q53	8-729-900-80	TRANSISTOR	DTC124ES		
Q54	8-729-119-78	TRANSISTOR	2SC2785-HFE		
		< RESISTOR >			
R1	1-219-237-11	SOLID	3.3M	20%	1/2W (CND, US)
R51	1-249-421-11	CARBON	2.2K	5%	1/4W
R52	1-249-429-11	CARBON	10K	5%	1/4W
R53	1-249-415-11	CARBON	680	5%	1/4W
R54	1-249-437-11	CARBON	47K	5%	1/4W
R55	1-249-435-11	CARBON	33K	5%	1/4W
R56	1-249-429-11	CARBON	10K	5%	1/4W
R57	1-249-429-11	CARBON	10K	5%	1/4W
		< RELAY >			
⚠RY1	1-755-439-11	RELAY			
		< TRANSFORMER >			
⚠T2	1-437-311-11	TRANSFORMER, POWER (TW)			
⚠T2	1-437-312-11	TRANSFORMER, POWER (US, CND)			
⚠T2	1-437-313-11	TRANSFORMER, POWER			(AEP, CH, KR, MY, SP, UK)
⚠T2	1-437-314-11	TRANSFORMER, POWER (E2, E3)			

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BIAS

Ref. No.	Part No.	Description			Remark
	A-4476-487-A	BIAS BOARD, COMPLETE (DB870: AEP, UK)			
	A-4476-499-A	BIAS BOARD, COMPLETE (US)			
	A-4476-512-A	BIAS BOARD, COMPLETE (CH, E2, E3, KR, MY, SP, TW)			
	A-4476-528-A	BIAS BOARD, COMPLETE (DB1070: AEP, UK)			
	A-4476-840-A	BIAS BOARD, COMPLETE (DB870: CND)			
	A-4476-841-A	BIAS BOARD, COMPLETE (DB1070: CND)			
		**********			
		< CAPACITOR >			
C413	1-128-813-11	CERAMIC	220PF	5%	50V
C415	1-136-153-00	FILM	0.01uF	5%	50V
C416	1-119-824-11	ELECT MELF	10uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C416	1-135-743-11	ELECT	10uF		50V (DB1070: AEP, UK)
C440	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C440	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C463	1-128-813-11	CERAMIC	220PF	5%	50V
C465	1-136-153-00	FILM	0.01uF	5%	50V
C466	1-119-824-11	ELECT MELF	10uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C466	1-135-743-11	ELECT	10uF		50V (DB1070: AEP, UK)
C490	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C490	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C513	1-128-813-11	CERAMIC	220PF	5%	50V
C515	1-136-153-00	FILM	0.01uF	5%	50V
C516	1-119-824-11	ELECT MELF	10uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C516	1-135-743-11	ELECT	10uF		50V (DB1070: AEP, UK)
C540	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C540	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C563	1-128-813-11	CERAMIC	220PF	5%	50V
C565	1-136-153-00	FILM	0.01uF	5%	50V
C566	1-119-824-11	ELECT MELF	10uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C566	1-135-743-11	ELECT	10uF		50V (DB1070: AEP, UK)
C590	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C590	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C613	1-128-813-11	CERAMIC	220PF	5%	50V
C615	1-136-153-00	FILM	0.01uF	5%	50V
C616	1-119-824-11	ELECT MELF	10uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C616	1-135-743-11	ELECT	10uF		50V (DB1070: AEP, UK)
C640	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C640	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C663	1-128-813-11	CERAMIC	220PF	5%	50V (DB1070)
C665	1-136-153-00	FILM	0.01uF	5%	50V (DB1070)
C666	1-119-824-11	ELECT MELF	10uF	20%	50V (DB1070: CH, CND, E, US)
C666	1-135-743-11	ELECT	10uF		50V (DB1070: AEP, UK)
C690	1-128-840-11	ELECT	47uF	20%	16V (DB1070: CH, CND, E, US)
C690	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C805	1-135-655-11	ELECT	470uF		6.3V (DB1070: AEP, UK)
C805	1-137-657-11	ELECT	470uF	20%	6.3V (DB870/DB1070: CH, CND, E, US)
C806	1-128-805-11	CERAMIC	47PF	5%	50V
C807	1-126-965-11	ELECT	22uF	20%	50V
C808	1-128-805-11	CERAMIC	47PF	5%	50V
		< CONNECTOR >			
CN401	1-784-923-11	PIN, CONNECTOR 7P			
CN451	1-784-923-11	PIN, CONNECTOR 7P			
CN501	1-784-923-11	PIN, CONNECTOR 7P			
CN551	1-784-923-11	PIN, CONNECTOR 7P			
CN601	1-784-923-11	PIN, CONNECTOR 7P			
CN651	1-784-923-11	PIN, CONNECTOR 7P			
CN809	1-779-977-11	PIN, CONNECTOR 6P			
		< DIODE >			
D405	8-719-911-19	DIODE 1SS199-25			
D406	8-719-911-19	DIODE 1SS199-25			
D455	8-719-911-19	DIODE 1SS199-25			
D456	8-719-911-19	DIODE 1SS199-25			
D505	8-719-911-19	DIODE 1SS199-25			
D506	8-719-911-19	DIODE 1SS199-25			
D555	8-719-911-19	DIODE 1SS199-25			
D556	8-719-911-19	DIODE 1SS199-25			
D605	8-719-911-19	DIODE 1SS199-25			
D606	8-719-911-19	DIODE 1SS199-25			
D655	8-719-911-19	DIODE 1SS199-25 (DB1070)			
D656	8-719-911-19	DIODE 1SS199-25 (DB1070)			
D805	8-719-911-19	DIODE 1SS199-25			
D806	8-719-911-19	DIODE 1SS199-25			
D807	8-719-911-19	DIODE 1SS199-25			
D808	8-719-911-19	DIODE 1SS199-25			
D817	8-719-911-19	DIODE 1SS199-25			
		< IC >			
IC803	8-759-636-74	IC M5218AP-22			
		< TRANSISTOR >			
Q404	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q405	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q406	8-729-281-53	TRANSISTOR 2SC1815-GR			
Q440	8-729-026-08	TRANSISTOR 2SC4495			
Q454	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q455	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			

BIAS

Ref. No.	Part No.	Description			Remark
Q456	8-729-281-53	TRANSISTOR	2SC1815-GR		
Q490	8-729-026-08	TRANSISTOR	2SC4495		
Q504	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q505	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q506	8-729-281-53	TRANSISTOR	2SC1815-GR		
Q540	8-729-026-08	TRANSISTOR	2SC4495		
Q554	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q555	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q556	8-729-281-53	TRANSISTOR	2SC1815-GR		
Q590	8-729-026-08	TRANSISTOR	2SC4495		
Q604	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q605	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q606	8-729-281-53	TRANSISTOR	2SC1815-GR		
Q640	8-729-026-08	TRANSISTOR	2SC4495		
Q654	8-729-140-82	TRANSISTOR	2SA988-PAFAEA (DB1070)		
Q655	8-729-140-82	TRANSISTOR	2SA988-PAFAEA (DB1070)		
Q656	8-729-281-53	TRANSISTOR	2SC1815-GR (DB1070)		
Q690	8-729-026-08	TRANSISTOR	2SC4495 (DB1070)		
Q801	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q802	8-729-119-78	TRANSISTOR	2SC2785-HFE		
Q803	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q804	8-729-900-36	TRANSISTOR	DTC124ES		
Q805	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
		< RESISTOR >			
R415	1-249-425-11	CARBON	4.7K	5%	1/4W
⚠R416	1-240-855-11	CARBON	6.2K	5%	1/4W F
R418	1-249-420-11	CARBON	1.8K	5%	1/4W
R419	1-249-431-11	CARBON	15K	5%	1/4W
R420	1-249-439-11	CARBON	68K	5%	1/4W
R421	1-247-866-11	CARBON	30K	5%	1/4W
R422	1-247-843-11	CARBON	3.3K	5%	1/4W (AEP, UK)
R422	1-249-425-11	CARBON	4.7K	5%	1/4W (CND, US)
R422	1-249-429-11	CARBON	10K	5%	1/4W (CH, E)
R424	1-249-431-11	CARBON	15K	5%	1/4W
R425	1-249-437-11	CARBON	47K	5%	1/4W
R426	1-249-437-11	CARBON	47K	5%	1/4W
R427	1-249-433-11	CARBON	22K	5%	1/4W
R440	1-249-425-11	CARBON	4.7K	5%	1/4W
R441	1-249-417-11	CARBON	1K	5%	1/4W
R442	1-249-429-11	CARBON	10K	5%	1/4W
R465	1-249-425-11	CARBON	4.7K	5%	1/4W
⚠R466	1-240-855-11	CARBON	6.2K	5%	1/4W F
R468	1-249-420-11	CARBON	1.8K	5%	1/4W
R469	1-249-431-11	CARBON	15K	5%	1/4W
R470	1-249-439-11	CARBON	68K	5%	1/4W
R471	1-247-866-11	CARBON	30K	5%	1/4W
R472	1-247-843-11	CARBON	3.3K	5%	1/4W (AEP, UK)
R472	1-249-425-11	CARBON	4.7K	5%	1/4W (CND, US)
R472	1-249-429-11	CARBON	10K	5%	1/4W (CH, E)
R474	1-249-431-11	CARBON	15K	5%	1/4W
R475	1-249-437-11	CARBON	47K	5%	1/4W
R476	1-249-437-11	CARBON	47K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R477	1-249-433-11	CARBON	22K	5%	1/4W
R490	1-249-425-11	CARBON	4.7K	5%	1/4W
R491	1-249-417-11	CARBON	1K	5%	1/4W
R492	1-249-429-11	CARBON	10K	5%	1/4W
R515	1-249-425-11	CARBON	4.7K	5%	1/4W
⚠R516	1-240-855-11	CARBON	6.2K	5%	1/4W F
R518	1-249-420-11	CARBON	1.8K	5%	1/4W
R519	1-249-439-11	CARBON	68K	5%	1/4W
R520	1-249-431-11	CARBON	15K	5%	1/4W
R521	1-247-866-11	CARBON	30K	5%	1/4W
R522	1-247-843-11	CARBON	3.3K	5%	1/4W (AEP, UK)
R522	1-249-425-11	CARBON	4.7K	5%	1/4W (CND, US)
R522	1-249-429-11	CARBON	10K	5%	1/4W (CH, E)
R524	1-249-431-11	CARBON	15K	5%	1/4W
R525	1-249-437-11	CARBON	47K	5%	1/4W
R526	1-249-437-11	CARBON	47K	5%	1/4W
R527	1-249-433-11	CARBON	22K	5%	1/4W
R540	1-249-425-11	CARBON	4.7K	5%	1/4W
R541	1-249-417-11	CARBON	1K	5%	1/4W
R542	1-249-429-11	CARBON	10K	5%	1/4W
R565	1-249-425-11	CARBON	4.7K	5%	1/4W
⚠R566	1-240-855-11	CARBON	6.2K	5%	1/4W F
R568	1-249-420-11	CARBON	1.8K	5%	1/4W
R569	1-249-431-11	CARBON	15K	5%	1/4W
R570	1-249-439-11	CARBON	68K	5%	1/4W
R571	1-247-866-11	CARBON	30K	5%	1/4W
R572	1-247-843-11	CARBON	3.3K	5%	1/4W (AEP, UK)
R572	1-249-425-11	CARBON	4.7K	5%	1/4W (CND, US)
R572	1-249-429-11	CARBON	10K	5%	1/4W (CH, E)
R574	1-249-431-11	CARBON	15K	5%	1/4W
R575	1-249-437-11	CARBON	47K	5%	1/4W
R576	1-249-437-11	CARBON	47K	5%	1/4W
R577	1-249-433-11	CARBON	22K	5%	1/4W
R590	1-249-425-11	CARBON	4.7K	5%	1/4W
R591	1-249-417-11	CARBON	1K	5%	1/4W
R592	1-249-429-11	CARBON	10K	5%	1/4W
R615	1-249-425-11	CARBON	4.7K	5%	1/4W
⚠R616	1-240-855-11	CARBON	6.2K	5%	1/4W F
R618	1-249-420-11	CARBON	1.8K	5%	1/4W
R619	1-249-431-11	CARBON	15K	5%	1/4W
R620	1-249-439-11	CARBON	68K	5%	1/4W
R621	1-247-866-11	CARBON	30K	5%	1/4W
R622	1-247-843-11	CARBON	3.3K	5%	1/4W (AEP, UK)
R622	1-249-425-11	CARBON	4.7K	5%	1/4W (CND, US)
R622	1-249-429-11	CARBON	10K	5%	1/4W (CH, E)
R624	1-249-431-11	CARBON	15K	5%	1/4W
R625	1-249-437-11	CARBON	47K	5%	1/4W
R626	1-249-437-11	CARBON	47K	5%	1/4W
R627	1-249-433-11	CARBON	22K	5%	1/4W
R640	1-249-425-11	CARBON	4.7K	5%	1/4W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

BIAS **DC1** **DC2**

Ref. No.	Part No.	Description			Remark
R641	1-249-417-11	CARBON	1K	5%	1/4W
R642	1-249-429-11	CARBON	10K	5%	1/4W
R665	1-249-425-11	CARBON	4.7K	5%	1/4W (DB1070)
⚠R666	1-240-855-11	CARBON	6.2K	5%	1/4W F (DB1070)
R668	1-249-420-11	CARBON	1.8K	5%	1/4W (DB1070)
R669	1-249-431-11	CARBON	15K	5%	1/4W (DB1070)
R670	1-249-439-11	CARBON	68K	5%	1/4W (DB1070)
R671	1-247-866-11	CARBON	30K	5%	1/4W (DB1070)
R672	1-247-843-11	CARBON	3.3K	5%	1/4W (DB1070: AEP, UK)
R672	1-249-425-11	CARBON	4.7K	5%	1/4W (DB1070: CND, US)
R672	1-249-429-11	CARBON	10K	5%	1/4W (DB1070: CH, E)
R674	1-249-431-11	CARBON	15K	5%	1/4W (DB1070)
R675	1-249-437-11	CARBON	47K	5%	1/4W (DB1070)
R676	1-249-437-11	CARBON	47K	5%	1/4W (DB1070)
R677	1-249-433-11	CARBON	22K	5%	1/4W (DB1070)
R690	1-249-425-11	CARBON	4.7K	5%	1/4W (DB1070)
R691	1-249-417-11	CARBON	1K	5%	1/4W (DB1070)
R692	1-249-429-11	CARBON	10K	5%	1/4W (DB1070)
R801	1-249-433-11	CARBON	22K	5%	1/4W
R802	1-249-417-11	CARBON	1K	5%	1/4W
R803	1-249-433-11	CARBON	22K	5%	1/4W (DB870)
R803	1-249-435-11	CARBON	33K	5%	1/4W (DB1070)
R804	1-249-429-11	CARBON	10K	5%	1/4W
R805	1-249-429-11	CARBON	10K	5%	1/4W
R806	1-249-436-11	CARBON	39K	5%	1/4W
R807	1-249-427-11	CARBON	6.8K	5%	1/4W
R819	1-249-429-11	CARBON	10K	5%	1/4W
R857	1-249-429-11	CARBON	10K	5%	1/4W
R858	1-247-895-00	CARBON	470K	5%	1/4W
R863	1-249-433-11	CARBON	22K	5%	1/4W

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	1-681-092-11	DC1 BOARD			
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	1-533-217-31	HOLDER, FUSE (CND, US)			
		< CAPACITOR >			
C915	1-125-895-11	ELECT	12000uF	20%	71V (DB870)
C915	1-137-666-12	ELECT	15000uF	20%	71V (DB1070)
C916	1-125-895-11	ELECT	12000uF	20%	71V (DB870)
C916	1-137-666-12	ELECT	15000uF	20%	71V (DB1070)
C917	1-137-350-11	MYLAR	0.015uF	10%	100V (AEP, CH, E, UK)
C917	1-137-419-11	MYLAR	0.033uF	10%	100V (CND, US)
C918	1-137-350-11	MYLAR	0.015uF	10%	100V (AEP, CH, E, UK)
C918	1-137-419-11	MYLAR	0.033uF	10%	100V (CND, US)
C919	1-104-999-11	MYLAR	0.1uF	10%	200V (AEP, CH, E, UK)
		< DIODE >			
D914	8-719-072-05	DIODE RBV-602LF-A			
		< FUSE >			
⚠F905	1-533-311-11	FUSE GLASS CYLINDRICAL (DIA.5)			(8A/125V) (CND, US)
⚠F906	1-533-311-11	FUSE GLASS CYLINDRICAL (DIA.5)			(8A/125V) (CND, US)
		< RESISTOR >			
⚠R913	1-249-407-11	CARBON	150	5%	1/4W F (AEP, CH, E, UK)

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	A-4476-476-A	DC2 BOARD, COMPLETE (DB870: CND)			
	A-4476-491-A	DC2 BOARD, COMPLETE (DB870: AEP, UK)			
	A-4476-504-A	DC2 BOARD, COMPLETE (US)			
	A-4476-515-A	DC2 BOARD, COMPLETE (CH, E2, E3, KR, MY, SP, TW)			
	A-4476-529-A	DC2 BOARD, COMPLETE (DB1070: AEP, UK)			
	A-4726-835-A	DC2 BOARD, COMPLETE (DB1070: CND)			
		**********			
	1-533-217-31	HOLDER, FUSE			
		< CAPACITOR >			
C901	1-104-660-11	ELECT	47uF	20%	16V
C902	1-127-732-51	ELECT MELF	2200uF	20%	35V (DB870/DB1070: CH, CND, E, US)
C902	1-135-781-51	ELECT	2200uF		35V (DB1070: AEP, UK)
C903	1-127-731-51	ELECT MELF	1000uF	20%	35V (DB870/DB1070: CH, CND, E, US)
C903	1-135-780-51	ELECT	1000uF		35V (DB1070: AEP, UK)
C904	1-126-967-11	ELECT	47uF	20%	50V
C905	1-104-660-11	ELECT	47uF	20%	16V
C906	1-126-967-11	ELECT	47uF	20%	50V
C907	1-127-723-51	ELECT MELF	4700uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C907	1-135-696-11	ELECT	4700uF		16V (DB1070: AEP, UK)
C908	1-126-767-11	ELECT	1000uF	20%	16V
C909	1-128-554-11	ELECT	330uF	20%	63V
C912	1-104-660-11	ELECT	47uF	20%	16V

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DC2 DIGITAL

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN904	1-784-922-11	PIN, CONNECTOR 5P	
CN905	1-785-101-11	PIN, CONNECTOR 3P	
CN906	1-691-768-11	PLUG (MICRO CONNECTOR) 6P	
CN907	1-564-506-11	PLUG, CONNECTOR 3P	
CN908	1-564-506-21	PLUG, CONNECTOR 3P	
CN909	1-785-103-11	PIN, CONNECTOR 5P	
		< DIODE >	
D901	8-719-109-89	DIODE RD5.6ESB2	
D902	8-719-983-95	DIODE MTZJ-T-72-39	
D903	8-719-024-99	DIODE 11ES2-NTA2B	
D904	8-719-024-99	DIODE 11ES2-NTA2B	
D905	8-719-024-99	DIODE 11ES2-NTA2B	
D906	8-719-024-99	DIODE 11ES2-NTA2B	
D907	8-719-118-63	DIODE RD5.6F-T7B2	
D908	8-719-510-53	DIODE D4SB60L	
D912	8-719-024-99	DIODE 11ES2-NTA2B	
D913	8-719-024-99	DIODE 11ES2-NTA2B	
		< FUSE >	
⚠F903	1-532-504-51	FUSE (4A/250V) (EXPECT US, CND)	
⚠F903	1-533-419-11	FUSE (4A/125V) (US, CND)	
⚠F904	1-532-504-51	FUSE (4A/250V) (EXPECT US, CND)	
⚠F904	1-533-419-11	FUSE (4A/125V) (US, CND)	
		< TRANSISTOR >	
Q902	8-729-041-38	TRANSISTOR 2SB1241TV2Q	
Q903	8-729-051-94	TRANSISTOR 2SD1863TV2	
Q904	8-729-119-76	TRANSISTOR 2SA1115-EF	
Q905	8-729-119-76	TRANSISTOR 2SA1115-EF	
		< RESISTOR >	
R902	1-249-433-11	CARBON 22K 5% 1/4W	
R903	1-249-421-11	CARBON 2.2K 5% 1/4W	
R904	1-249-429-11	CARBON 10K 5% 1/4W	
R905	1-249-429-11	CARBON 10K 5% 1/4W	
R906	1-249-421-11	CARBON 2.2K 5% 1/4W	
R908	1-249-429-11	CARBON 10K 5% 1/4W	
⚠R909	1-212-974-00	RES, FUSE 47 5% 1/2W	(CND)
⚠R909	1-249-385-11	CARBON 2.2 5% 1/6W F	(EXCEPT CND)
⚠R910	1-212-974-00	RES, FUSE 47 5% 1/2W	(CND)
⚠R910	1-249-385-11	CARBON 2.2 5% 1/6W F	(EXCEPT CND)
⚠R911	1-216-349-00	METAL OXIDE 1 5% 1W F	
⚠R912	1-216-349-00	METAL OXIDE 1 5% 1W F	
		< SWITCH >	
⚠S901	1-771-876-11	SWITCH, POWER (IMPEDANCE SELECTOR)	
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Ref. No.	Part No.	Description	Remark
	A-4476-481-A	DIGITAL BOARD, COMPLETE (DB870: CND)	
	A-4476-496-A	DIGITAL BOARD, COMPLETE (DB870: AEP, UK)	
	A-4476-508-A	DIGITAL BOARD, COMPLETE	(DB1070: CND, US)
	A-4476-519-A	DIGITAL BOARD, COMPLETE	(CH, KR, MY, SP, TW)
	A-4476-525-A	DIGITAL BOARD, COMPLETE(E2, E3)	
	A-4476-530-A	DIGITAL BOARD, COMPLETE	(DB1070: AEP, UK)
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*	3-309-144-21	HEAT SINK	
	7-685-872-09	SCREW +BVTT 3X8 (S)	
		< CAPACITOR >	
C1101	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C1102	1-128-840-11	ELECT 47uF 20%	16V (DB870/DB1070: CH, CND, E, US)
C1102	1-135-708-11	ELECT 47uF	16V (DB1070: AEP, UK)
C1103	1-119-824-11	ELECT MELF 10uF 20%	50V (DB870/DB1070: CH, CND, E, US)
C1103	1-135-743-11	ELECT 10uF	50V (DB1070: AEP, UK)
C1104	1-119-823-11	ELECT 4.7uF 20%	50V (DB870/DB1070: CH, CND, E, US)
C1104	1-135-742-11	ELECT 4.7uF	50V (DB1070: AEP, UK)
C1105	1-163-133-00	CERAMIC CHIP 470PF 5%	50V
C1106	1-119-823-11	ELECT 4.7uF 20%	50V (DB870/DB1070: CH, CND, E, US)
C1106	1-135-742-11	ELECT 4.7uF	50V (DB1070: AEP, UK)
C1107	1-119-824-11	ELECT MELF 10uF 20%	50V (DB870/DB1070: CH, CND, E, US)
C1107	1-135-743-11	ELECT 10uF	50V (DB1070: AEP, UK)
C1108	1-163-133-00	CERAMIC CHIP 470PF 5%	50V
C1109	1-128-840-11	ELECT 47uF 20%	16V (DB870/DB1070: CH, CND, E, US)
C1109	1-135-708-11	ELECT 47uF	16V (DB1070: AEP, UK)
C1110	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C1112	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C1113	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C1114	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1115	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1121	1-128-858-11	ELECT 22uF 20%	50V (DB870/DB1070: CH, CND, E, US)
C1121	1-135-744-11	ELECT 22uF	50V (DB1070: AEP, UK)
C1131	1-128-858-11	ELECT 22uF 20%	50V (DB870/DB1070: CH, CND, E, US)
C1131	1-135-744-11	ELECT 22uF	50V (DB1070: AEP, UK)
C1201	1-128-846-11	ELECT 330uF 20%	25V (DB870/DB1070: CH, CND, E, US)
C1201	1-135-683-11	ELECT 330uF	25V (DB1070: AEP, UK)
C1202	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C1203	1-165-319-11	CERAMIC CHIP 0.1uF	50V

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DIGITAL

Ref. No.	Part No.	Description				Remark
C1204	1-127-719-11	ELECT MELF	220uF	20%	16V	(DB870/DB1070: CH, CND, E, US)
C1204	1-135-710-11	ELECT	220uF		16V	(DB1070: AEP, UK)
C1205	1-119-824-11	ELECT MELF	10uF	20%	50V	(DB1070: AEP, CH, E, UK)
C1205	1-135-743-11	ELECT	10uF		50V	(DB1070: AEP, UK)
C1206	1-165-319-11	CERAMIC CHIP	0.1uF		50V	(DB1070)
C1207	1-119-824-11	ELECT MELF	10uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1207	1-135-743-11	ELECT	10uF		50V	(DB1070: AEP, UK)
C1208	1-119-824-11	ELECT MELF	10uF	20%	50V	(DB1070: US, CND, E, CH)
C1208	1-135-743-11	ELECT	10uF		50V	(DB1070: AEP, UK)
C1210	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1211	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1212	1-165-319-11	CERAMIC CHIP	0.1uF		50V	(DB1070)
C1213	1-119-824-11	ELECT MELF	10uF	20%	50V	(DB1070: US, CND, E, CH)
C1213	1-135-743-11	ELECT	10uF		50V	(DB1070: AEP, UK)
C1214	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V	
C1221	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1221	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1222	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V	
C1223	1-163-257-11	CERAMIC CHIP	180PF	5%	50V	
C1224	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1224	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1231	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1231	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1232	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V	
C1233	1-163-257-11	CERAMIC CHIP	180PF	5%	50V	
C1234	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1234	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1241	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1241	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1242	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V	
C1243	1-163-257-11	CERAMIC CHIP	180PF	5%	50V	
C1244	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1244	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1251	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1251	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1252	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V	
C1253	1-163-257-11	CERAMIC CHIP	180PF	5%	50V	
C1254	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1254	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1261	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1261	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1262	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V	
C1263	1-163-257-11	CERAMIC CHIP	180PF	5%	50V	
C1264	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1264	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1271	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1271	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1272	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V	
C1273	1-163-257-11	CERAMIC CHIP	180PF	5%	50V	
C1274	1-128-858-11	ELECT	22uF	20%	50V	(DB870/DB1070: CH, CND, E, US)
C1274	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1281	1-128-858-11	ELECT	22uF	20%	50V	(DB1070: CH, CND, E, US)
C1281	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1282	1-163-012-00	CERAMIC CHIP	0.0018uF	5%	50V	(DB1070)
C1283	1-163-257-11	CERAMIC CHIP	180PF	5%	50V	(DB1070)
C1284	1-128-858-11	ELECT	22uF	20%	50V	(DB1070: CH, CND, E, US)
C1284	1-135-744-11	ELECT	22uF		50V	(DB1070: AEP, UK)
C1306	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1307	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1308	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C1309	1-127-718-11	ELECT MELF	100uF	20%	16V	(DB870/DB1070: CH, CND, E, US)
C1309	1-135-709-11	ELECT	100uF		16V	(DB1070: AEP, UK)
C1310	1-127-718-11	ELECT MELF	100uF	20%	16V	(DB870/DB1070: CH, CND, E, US)
C1310	1-135-709-11	ELECT	100uF		16V	(DB1070: AEP, UK)
C1313	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	(AEP, UK)
C1314	1-163-249-11	CERAMIC CHIP	82PF	5%	50V	(AEP, UK)
C1315	1-165-319-11	CERAMIC CHIP	0.1uF		50V	(AEP, UK)
C1316	1-163-263-11	CERAMIC CHIP	330PF	5%	50V	(AEP, UK)
C1317	1-119-824-11	ELECT MELF	10uF	20%	50V	(DB870: AEP, UK)
C1317	1-135-743-11	ELECT	10uF		50V	(DB1070: AEP, UK)

DIGITAL

Ref. No.	Part No.	Description			Remark
C1318	1-119-824-11	ELECT MELF	10uF	20%	50V
					(DB870: AEP, UK)
C1318	1-135-743-11	ELECT	10uF		50V
					(DB1070: AEP, UK)
C1319	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
					(AEP, UK)
C1320	1-165-319-11	CERAMIC CHIP	0.1uF		50V
					(AEP, UK)
C1401	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1402	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1403	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1404	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1405	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1406	1-128-858-11	ELECT	22uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C1406	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C1408	1-163-217-11	CERAMIC CHIP	1PF	0.25PF	50V
C1409	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1410	1-127-720-11	ELECT MELF	470uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1410	1-135-711-11	ELECT	470uF		16V
					(DB1070: AEP, UK)
C1411	1-119-824-11	ELECT MELF	10uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C1411	1-135-743-11	ELECT	10uF		50V
					(DB1070: AEP, UK)
C1412	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1413	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1414	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1415	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C1416	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C1417	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1418	1-128-840-11	ELECT	47uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1418	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C1419	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1420	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C1421	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1422	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1423	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1424	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1425	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1426	1-128-840-11	ELECT	47uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1426	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C1427	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1428	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1429	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C1430	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C1431	1-127-719-11	ELECT MELF	220uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1431	1-135-710-11	ELECT	220uF		16V
					(DB1070: AEP, UK)
C1501	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1502	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1503	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1504	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1505	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1506	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1507	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1508	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1509	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1510	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1511	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1512	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1513	1-128-840-11	ELECT	47uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1513	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C1514	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1515	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1516	1-127-720-11	ELECT MELF	470uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1516	1-135-711-11	ELECT	470uF		16V
					(DB1070: AEP, UK)
C1517	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1601	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1602	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1603	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1604	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1605	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1606	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1607	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1608	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1609	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1610	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1611	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1612	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1613	1-128-840-11	ELECT	47uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1613	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C1614	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1615	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1616	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1617	1-127-720-11	ELECT MELF	470uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C1617	1-135-711-11	ELECT	470uF		16V
					(DB1070: AEP, UK)
C1618	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1701	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1702	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C1705	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1706	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1707	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1708	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1709	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1710	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1711	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1712	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1713	1-119-824-11	ELECT MELF	10uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C1713	1-135-743-11	ELECT	10uF		50V
					(DB1070: AEP, UK)
C1714	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1715	1-165-319-11	CERAMIC CHIP	0.1uF		50V

Ref. No.	Part No.	Description			Remark
C1716	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1717	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1718	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1719	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1720	1-163-021-11	CERAMIC CHIP	0.001uF	10%	50V
C1721	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1722	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1723	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1724	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1725	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1726	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1727	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1728	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C1801	1-127-718-11	ELECT MELF	100uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C1801	1-135-709-11	ELECT	100uF		16V (DB1070: AEP, UK)
C1802	1-127-720-11	ELECT MELF	470uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C1802	1-135-711-11	ELECT	470uF		16V (DB1070: AEP, UK)
C1807	1-127-719-11	ELECT MELF	220uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C1807	1-135-710-11	ELECT	220uF		16V (DB1070: AEP, UK)
C1808	1-127-720-11	ELECT MELF	470uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C1808	1-135-711-11	ELECT	470uF		16V (DB1070: AEP, UK)
C1809	1-127-720-11	ELECT MELF	470uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C1809	1-135-711-11	ELECT	470uF		16V (DB1070: AEP, UK)
C1811	1-119-841-11	ELECT	1000uF	20%	63V (DB1070: AEP, UK)
C1811	1-127-721-11	ELECT	1000uF	20%	16V (DB870/EXCEPT DB1070: AEP, UK)
C1812	1-137-661-11	ELECT	4700uF	20%	6.3V
C1815	1-119-841-11	ELECT	1000uF	20%	63V (DB1070: AEP, UK)
C1815	1-127-721-11	ELECT	1000uF	20%	16V (DB870/EXCEPT DB1070: AEP, UK)
		< CONNECTOR >			
CN1101	1-784-753-11	CONNECTOR, FFC 31P			
CN1102	1-569-815-11	CONNECTOR, BOARD TO BOARD 21P			
CN1103	1-569-815-11	CONNECTOR, BOARD TO BOARD 21P			
CN1104	1-568-830-11	CONNECTOR, FFC 11P (DB870: AEP, UK)			
CN1104	1-568-838-11	CONNECTOR, FFC 21P (CND, US)			
CN1104	1-784-776-11	CONNECTOR, FFC 15P (DB1070: AEP, CH, E, UK)			
CN1105	1-784-776-11	CONNECTOR, FFC 15P			
CN1106	1-779-799-11	PIN, CONNECTOR 9P			
CN1107	1-784-923-11	PIN, CONNECTOR 7P			
CN1108	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
		< DIODE >			
D1701	8-719-988-61	DIODE 1SS355TE-17			
D1702	8-719-988-61	DIODE 1SS355TE-17			
D1703	8-719-801-78	DIODE 1SS184			
D1801	8-719-053-18	DIODE 1SR154-400TE-25			
D1802	8-719-988-61	DIODE 1SS355TE-17			
D1803	8-719-053-18	DIODE 1SR154-400TE-25			
		< FERRITE BEAD >			
FB1101	1-469-730-11	FERRITE	0uH		
FB1102	1-469-152-11	FERRITE	0uH		
FB1201	1-469-152-11	FERRITE	0uH		
FB1202	1-469-152-11	FERRITE	0uH		
FB1401	1-469-152-11	FERRITE	0uH		
FB1402	1-469-152-11	FERRITE	0uH		
FB1403	1-469-152-11	FERRITE	0uH		
FB1404	1-469-152-11	FERRITE	0uH		
FB1405	1-469-730-11	FERRITE	0uH		
FB1406	1-469-730-11	FERRITE	0uH		
FB1407	1-469-730-11	FERRITE	0uH		
FB1501	1-469-152-11	FERRITE	0uH		
FB1502	1-469-152-11	FERRITE	0uH		
FB1601	1-469-730-11	FERRITE	0uH		
FB1602	1-469-152-11	FERRITE	0uH		
FB1603	1-469-152-11	FERRITE	0uH		
FB1604	1-469-730-11	FERRITE	0uH		
FB1703	1-469-152-11	FERRITE	0uH		
		< IC >			
IC1101	8-759-560-56	IC PCM1800E/2K			
IC1102	8-759-099-06	IC M5218AFP-TE1			
IC1201	8-759-825-12	IC PCM1604Y/2K			
IC1202	8-759-825-13	IC PCM1748E/2K (DB1070)			
IC1221	8-759-099-06	IC M5218AFP-TE1			
IC1241	8-759-099-06	IC M5218AFP-TE1			
IC1261	8-759-099-06	IC M5218AFP-TE1			
IC1281	8-759-099-06	IC M5218AFP-TE1 (DB1070)			
IC1301	8-759-231-58	IC TA7812S			
IC1302	8-759-445-59	IC BA033T			
IC1303	8-759-557-36	IC BU1924F-E2 (AEP, UK)			
IC1401	8-749-017-36	IC TORX-179 (DIGITAL DVD/LD OPTICAL IN)			
IC1402	8-749-923-05	IC TORX178B (DIGITAL TV/SAT OPTICAL IN)			
IC1403	8-749-923-05	IC TORX178B (DIGITAL MD/TAPE OPTICAL IN (DB870), MD/DAT OPTICAL IN (DB1070))			
IC1404	8-749-923-04	IC TOTX178A (DIGITAL MD/TAPE OPTICAL OUT (DB870), MD/DAT OPTICAL OUT (DB1070))			
IC1405	8-759-242-70	IC TC7WU04F			
IC1406	8-759-926-17	IC SN74HC153ANS			
IC1407	8-759-546-74	IC TC7WH157FU (TE12R)			
IC1408	8-759-825-15	IC LC89056W-E			
IC1409	8-759-447-77	IC TC7WH74FU (TE12R)			
IC1410	8-759-242-70	IC TC7WU04F			
IC1501	8-759-698-76	IC CXD9617R			
IC1502	8-759-538-16	IC IDT71V016S15PH-AUTL			
IC1601	8-759-698-77	IC CXD9616R			
IC1602	8-759-538-16	IC IDT71V016S15PH-AUTL			
IC1701	8-759-641-86	IC BR24C16F-E2			
IC1702	8-759-714-20	IC S-80929ANMP-DDS-T2			
IC1703	8-759-836-80	IC MB91154PMT2-G-102-E1			
IC1801	8-759-231-53	IC TA7805S			
IC1802	8-759-231-53	IC TA7805S			

DIGITAL

Ref. No.	Part No.	Description			Remark
IC1803	8-759-450-47	IC BA05T			
IC1804	8-759-445-59	IC BA033T			
IC1805	8-759-835-63	IC NJM2391DL1-26-TE1			
IC1806	8-759-445-59	IC BA033T			
IC1807	8-759-231-53	IC TA7805S			
IC1808	8-759-231-53	IC TA7805S			
		< JACK >			
J1401	1-794-972-11	JACK, PIN 1P (DIGITAL DVD/LD COAXIAL IN)			(DB870)
J1401	1-794-973-11	JACK, PIN 1P (DIGITAL DVD/LD COAXIAL IN)			(DB1070)
		< SHORT >			
JW1001	1-211-950-11	SHORT	0		
JW1002	1-216-296-11	SHORT	0		
JW1003	1-216-296-11	SHORT	0		
JW1004	1-216-296-11	SHORT	0		
JW1005	1-216-296-11	SHORT	0		
JW1006	1-216-296-11	SHORT	0		
JW1101	1-216-295-11	SHORT	0 (CH, CND, E, US)		
JW1102	1-216-295-11	SHORT	0 (CH, CND, E, US)		
JW1103	1-216-295-11	SHORT	0 (CH, CND, E, US)		
JW1104	1-216-295-11	SHORT	0 (AEP, CH, E, UK)		
JW1105	1-216-295-11	SHORT	0 (AEP, CH, E, UK)		
L1201	1-216-295-11	SHORT	0 (AEP, UK)		
		< TRANSISTOR >			
Q1401	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1402	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1701	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1702	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1703	8-729-027-43	TRANSISTOR	RT1N141C-TP-1		
Q1704	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1705	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1801	8-729-140-93	TRANSISTOR	2SB733-34		
Q1802	8-729-027-43	TRANSISTOR	RT1N141C-TP-1		
Q1803	8-729-140-93	TRANSISTOR	2SB733-34		
Q1804	8-729-027-43	TRANSISTOR	RT1N141C-TP-1		
Q1810	8-729-048-78	TRANSISTOR	2SD1733-TL-QR		
Q1811	8-729-140-93	TRANSISTOR	2SB733-34		
Q1812	8-729-027-43	TRANSISTOR	RT1N141C-TP-1		
Q1813	8-729-140-93	TRANSISTOR	2SB733-34		
Q1814	8-729-027-43	TRANSISTOR	RT1N141C-TP-1		
		< RESISTOR >			
R1101	1-216-025-11	RES-CHIP	100	5%	1/10W
R1121	1-216-085-00	RES-CHIP	33K	5%	1/10W
R1122	1-216-085-00	RES-CHIP	33K	5%	1/10W
R1124	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1131	1-216-085-00	RES-CHIP	33K	5%	1/10W
R1132	1-216-085-00	RES-CHIP	33K	5%	1/10W
R1134	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1201	1-216-025-11	RES-CHIP	100	5%	1/10W
R1202	1-216-025-11	RES-CHIP	100	5%	1/10W
R1203	1-216-025-11	RES-CHIP	100	5%	1/10W
R1204	1-216-073-00	RES-CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1212	1-216-025-11	RES-CHIP	100	5%	1/10W (DB1070)
R1220	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R1221	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1222	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1223	1-216-033-00	METAL CHIP	220	5%	1/10W
R1224	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1230	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R1231	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1232	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1233	1-216-033-00	METAL CHIP	220	5%	1/10W
R1234	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1240	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R1241	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1242	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1243	1-216-033-00	METAL CHIP	220	5%	1/10W
R1244	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1250	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R1251	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1252	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1253	1-216-033-00	METAL CHIP	220	5%	1/10W
R1254	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1260	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R1261	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1262	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1263	1-216-033-00	METAL CHIP	220	5%	1/10W
R1264	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1270	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R1271	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1272	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1273	1-216-033-00	METAL CHIP	220	5%	1/10W
R1274	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1280	1-216-071-00	METAL CHIP	8.2K	5%	1/10W (DB1070)
R1281	1-216-053-00	METAL CHIP	1.5K	5%	1/10W (DB1070)
R1282	1-216-081-00	METAL CHIP	22K	5%	1/10W (DB1070)
R1283	1-216-033-00	METAL CHIP	220	5%	1/10W (DB1070)
R1284	1-216-097-11	RES-CHIP	100K	5%	1/10W (DB1070)
R1303	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R1304	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R1307	1-216-057-00	METAL CHIP	2.2K	5%	1/10W (AEP, UK)
R1308	1-216-025-11	RES-CHIP	100	5%	1/10W (AEP, UK)
R1401	1-216-022-00	METAL CHIP	75	5%	1/10W
R1402	1-216-025-11	RES-CHIP	100	5%	1/10W
R1403	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1404	1-216-115-00	METAL CHIP	560K	5%	1/10W
R1405	1-216-025-11	RES-CHIP	100	5%	1/10W
R1406	1-216-025-11	RES-CHIP	100	5%	1/10W
R1407	1-216-025-11	RES-CHIP	100	5%	1/10W
R1408	1-216-025-11	RES-CHIP	100	5%	1/10W
R1409	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1410	1-216-085-00	RES-CHIP	33K	5%	1/10W
R1411	1-216-025-11	RES-CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1412	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R1413	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1414	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1415	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1416	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1417	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1418	1-216-025-11	RES-CHIP	100	5%	1/10W
R1419	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1420	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1421	1-216-025-11	RES-CHIP	100	5%	1/10W
R1422	1-216-025-11	RES-CHIP	100	5%	1/10W
R1423	1-216-025-11	RES-CHIP	100	5%	1/10W
R1424	1-216-025-11	RES-CHIP	100	5%	1/10W
R1425	1-216-025-11	RES-CHIP	100	5%	1/10W
R1426	1-216-025-11	RES-CHIP	100	5%	1/10W
R1427	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1428	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1429	1-216-295-11	SHORT	0		
R1430	1-216-025-11	RES-CHIP	100	5%	1/10W
R1431	1-216-121-11	RES-CHIP	1M	5%	1/10W
R1432	1-216-025-11	RES-CHIP	100	5%	1/10W
R1433	1-216-029-00	METAL CHIP	150	5%	1/10W
R1434	1-216-025-11	RES-CHIP	100	5%	1/10W
R1435	1-216-025-11	RES-CHIP	100	5%	1/10W
R1436	1-216-025-11	RES-CHIP	100	5%	1/10W
R1437	1-216-033-00	METAL CHIP	220	5%	1/10W
R1501	1-216-025-11	RES-CHIP	100	5%	1/10W
R1502	1-216-025-11	RES-CHIP	100	5%	1/10W
R1503	1-216-025-11	RES-CHIP	100	5%	1/10W
R1504	1-216-025-11	RES-CHIP	100	5%	1/10W
R1505	1-216-025-11	RES-CHIP	100	5%	1/10W
R1506	1-216-025-11	RES-CHIP	100	5%	1/10W
R1507	1-216-025-11	RES-CHIP	100	5%	1/10W
R1508	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1509	1-216-295-11	SHORT	0		
R1510	1-216-025-11	RES-CHIP	100	5%	1/10W
R1512	1-216-025-11	RES-CHIP	100	5%	1/10W
R1513	1-216-025-11	RES-CHIP	100	5%	1/10W
R1566	1-216-025-11	RES-CHIP	100	5%	1/10W
R1601	1-216-025-11	RES-CHIP	100	5%	1/10W
R1602	1-216-025-11	RES-CHIP	100	5%	1/10W
R1603	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1605	1-216-025-11	RES-CHIP	100	5%	1/10W
R1606	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1607	1-216-025-11	RES-CHIP	100	5%	1/10W
R1608	1-216-295-11	SHORT	0		
R1609	1-216-025-11	RES-CHIP	100	5%	1/10W
R1610	1-216-025-11	RES-CHIP	100	5%	1/10W
R1611	1-216-025-11	RES-CHIP	100	5%	1/10W
R1612	1-216-033-00	METAL CHIP	220	5%	1/10W
R1650	1-216-025-11	RES-CHIP	100	5%	1/10W
R1651	1-216-025-11	RES-CHIP	100	5%	1/10W
R1653	1-216-025-11	RES-CHIP	100	5%	1/10W
R1654	1-216-025-11	RES-CHIP	100	5%	1/10W
R1655	1-216-025-11	RES-CHIP	100	5%	1/10W
R1656	1-216-025-11	RES-CHIP	100	5%	1/10W
R1657	1-216-025-11	RES-CHIP	100	5%	1/10W
R1666	1-216-025-11	RES-CHIP	100	5%	1/10W
R1667	1-216-295-11	SHORT	0		
R1701	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1702	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1703	1-216-001-00	METAL CHIP	10	5%	1/10W
R1704	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1705	1-216-025-11	RES-CHIP	100	5%	1/10W
R1706	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1707	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1708	1-216-025-11	RES-CHIP	100	5%	1/10W
R1709	1-216-025-11	RES-CHIP	100	5%	1/10W
R1710	1-216-025-11	RES-CHIP	100	5%	1/10W
R1711	1-216-025-11	RES-CHIP	100	5%	1/10W
R1712	1-216-025-11	RES-CHIP	100	5%	1/10W
R1713	1-216-025-11	RES-CHIP	100	5%	1/10W
R1714	1-216-025-11	RES-CHIP	100	5%	1/10W
R1715	1-216-025-11	RES-CHIP	100	5%	1/10W
R1716	1-216-025-11	RES-CHIP	100	5%	1/10W
R1717	1-216-025-11	RES-CHIP	100	5%	1/10W
R1718	1-216-025-11	RES-CHIP	100	5%	1/10W
R1719	1-216-025-11	RES-CHIP	100	5%	1/10W
R1720	1-216-025-11	RES-CHIP	100	5%	1/10W
R1721	1-216-061-00	RES-CHIP	3.3K	5%	1/10W
R1722	1-216-025-11	RES-CHIP	100	5%	1/10W
R1723	1-216-025-11	RES-CHIP	100	5%	1/10W
R1724	1-216-025-11	RES-CHIP	100	5%	1/10W
R1725	1-216-025-11	RES-CHIP	100	5%	1/10W
R1726	1-216-025-11	RES-CHIP	100	5%	1/10W
R1727	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R1728	1-216-025-11	RES-CHIP	100	5%	1/10W
R1729	1-216-025-11	RES-CHIP	100	5%	1/10W
R1730	1-216-025-11	RES-CHIP	100	5%	1/10W
R1731	1-216-025-11	RES-CHIP	100	5%	1/10W
R1732	1-216-025-11	RES-CHIP	100	5%	1/10W
R1733	1-216-025-11	RES-CHIP	100	5%	1/10W
R1734	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1735	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1736	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1737	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1738	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1739	1-216-025-11	RES-CHIP	100	5%	1/10W
R1740	1-216-025-11	RES-CHIP	100	5%	1/10W
R1741	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1742	1-216-033-00	METAL CHIP	220	5%	1/10W
R1743	1-216-025-11	RES-CHIP	100	5%	1/10W
R1744	1-216-025-11	RES-CHIP	100	5%	1/10W
R1745	1-216-025-11	RES-CHIP	100	5%	1/10W (CND, US)
R1746	1-216-025-11	RES-CHIP	100	5%	1/10W (CND, US)
R1747	1-216-025-11	RES-CHIP	100	5%	1/10W
R1748	1-216-025-11	RES-CHIP	100	5%	1/10W (CND, US)
R1749	1-216-025-11	RES-CHIP	100	5%	1/10W
R1750	1-216-025-11	RES-CHIP	100	5%	1/10W
R1751	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1752	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1753	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1754	1-216-073-00	RES-CHIP	10K	5%	1/10W

DIGITAL | DISP

Ref. No.	Part No.	Description			Remark
R1755	1-216-025-11	RES-CHIP	100	5%	1/10W
R1756	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1757	1-216-295-11	SHORT	0 (DB1070)		
R1758	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1759	1-216-057-00	METAL CHIP	2.2K	5%	1/10W (E2, E3)
R1759	1-216-073-00	RES-CHIP	10K	5%	1/10W (CH, KR, MY, SP, TW)
R1759	1-216-295-11	SHORT	0 (AEP, UK)		
R1760	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1761	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1762	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1763	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1764	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1765	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1766	1-216-025-11	RES-CHIP	100	5%	1/10W
R1767	1-216-049-11	RES-CHIP	1K	5%	1/10W (AEP, UK)
R1768	1-216-025-11	RES-CHIP	100	5%	1/10W
R1769	1-216-077-00	RES-CHIP	15K	5%	1/10W (DB1070)
R1770	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1771	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1772	1-216-033-00	METAL CHIP	220	5%	1/10W
R1773	1-216-025-11	RES-CHIP	100	5%	1/10W
R1774	1-216-033-00	METAL CHIP	220	5%	1/10W
R1775	1-216-025-11	RES-CHIP	100	5%	1/10W
R1776	1-216-025-11	RES-CHIP	100	5%	1/10W
R1777	1-216-025-11	RES-CHIP	100	5%	1/10W
R1778	1-216-033-00	METAL CHIP	220	5%	1/10W
R1779	1-216-025-11	RES-CHIP	100	5%	1/10W
R1780	1-216-025-11	RES-CHIP	100	5%	1/10W
R1781	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1782	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1783	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1784	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1785	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1786	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1787	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1788	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1789	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1790	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1791	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1792	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1793	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1794	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R1795	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1796	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1797	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1798	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1799	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1800	1-216-033-00	METAL CHIP	220	5%	1/10W
R1801	1-216-045-00	METAL CHIP	680	5%	1/10W
R1802	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1803	1-216-045-00	METAL CHIP	680	5%	1/10W
R1804	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1805	1-216-045-00	METAL CHIP	680	5%	1/10W
R1806	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1807	1-216-045-00	METAL CHIP	680	5%	1/10W
R1808	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1809	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1810	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1811	1-216-033-00	METAL CHIP	220	5%	1/10W (AEP, CH, E, UK)
R1812	1-216-033-00	METAL CHIP	220	5%	1/10W
R1813	1-216-033-00	METAL CHIP	220	5%	1/10W
R1814	1-216-033-00	METAL CHIP	220	5%	1/10W
R1815	1-216-025-11	RES-CHIP	100	5%	1/10W
		< VIBRATOR >			
X1301	1-781-536-11	VIBRATOR, CRYSTAL (4.332MHz) (AEP, UK)			
X1401	1-795-219-21	VIBRATOR, CRYSTAL (24.576MHz)			
X1501	1-795-297-21	VIBRATOR, CERAMIC (13.5MHz)			
X1601	1-795-264-21	VIBRATOR, CERAMIC (13.5MHz)			
X1701	1-795-179-21	VIBRATOR, CERAMIC (16.5MHz)			
**********					
	A-4476-467-A	DISP BOARD, COMPLETE (DB870)			
	A-4476-500-A	DISP BOARD, COMPLETE (DB1070)			
		**********			
*	4-921-941-01	CUSHION (FL)			
*	4-990-797-01	HOLDER (FL)			
		< CAPACITOR >			
C1601	1-126-967-11	ELECT	47uF	20%	50V
C1602	1-164-159-11	CERAMIC	0.1uF		50V
C1603	1-164-159-11	CERAMIC	0.1uF		50V
C1607	1-164-159-11	CERAMIC	0.1uF		50V
C1608	1-164-159-11	CERAMIC	0.1uF		50V
C1609	1-164-159-11	CERAMIC	0.1uF		50V
C1610	1-164-159-11	CERAMIC	0.1uF		50V
C1611	1-164-159-11	CERAMIC	0.1uF		50V
C1612	1-164-159-11	CERAMIC	0.1uF		50V
C1613	1-164-159-11	CERAMIC	0.1uF		50V
C1614	1-164-159-11	CERAMIC	0.1uF		50V
C1615	1-164-159-11	CERAMIC	0.1uF		50V
C1616	1-164-159-11	CERAMIC	0.1uF		50V
C1617	1-162-282-31	CERAMIC	100PF	10%	50V
C1618	1-162-282-31	CERAMIC	100PF	10%	50V
C1619	1-162-282-31	CERAMIC	100PF	10%	50V
		< CONNECTOR >			
CN1601	1-784-792-11	CONNECTOR, FFC 31P			
CN1602	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			
* CN1603	1-568-056-11	PIN, BOARD TO BOARD 8P			
CN1604	1-784-807-11	CONNECTOR, BOARD TO BOARD 13P			
		< LED >			
D1601	8-719-075-60	LED SELS5823C-TP15 (VIDEO 1)			
D1602	8-719-075-60	LED SELS5823C-TP15 (VIDEO 2)			
D1603	8-719-075-60	LED SELS5823C-TP15 (VIDEO 3)			
D1604	8-719-075-60	LED SELS5823C-TP15 (DVD/LD)			
D1605	8-719-075-60	LED SELS5823C-TP15 (TV/SAT)			
D1606	8-719-075-60	LED SELS5823C-TP15 (MD/TAPE (DB870), TAPE (DB1070))			
D1607	8-719-075-60	LED SELS5823C-TP15 (CD/SACD) (DB1070)			

DISP **H.P** **MAIN**

Ref. No.	Part No.	Description	Remark
D1608	8-719-075-60	LED SELS5823C-TP15 (CD/SACD (DB870), MD/DAT (DB1070)	
D1609	8-719-075-60	LED SELS5823C-TP15 (TUNER)	
D1610	8-719-075-60	LED SELS5823C-TP15 (PHONO)	
D1611	8-719-313-50	LED SEL6810A-TH12 (DIMMER)	
D1612	8-719-075-59	LED SELS5B23C-TP15 (DIGITAL CINEMA SOUND)	
D1613	8-719-075-59	LED SELS5B23C-TP15 (6.1CH DECODING)	
D1614	8-719-046-39	LED SEL5821A-TP15 (NIGHT MODE)	
D1615	8-719-046-39	LED SEL5821A-TP15 (MULTI/2CH A.DIRECT)	
D1616	8-719-046-39	LED SEL5821A-TP15 (2CH)	
D1617	8-719-046-39	LED SEL5821A-TP15 (MODE)	
D1618	8-719-046-39	LED SEL5821A-TP15 (A.F.D.)	
D1619	8-719-084-07	LED SEL5E20CTP15 (MULTI CHANNEL DECODING)	
		< FLUORESCENT INDICATOR TUBE >	
FL1601	1-518-737-11	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC1601	8-759-679-75	IC ML9261MB	
IC1602	8-759-373-50	IC NJU3719L	
IC1603	8-759-036-90	IC MC74ACT08N	
IC1610	8-759-036-90	IC MC74ACT08N	
		< TRANSISTOR >	
Q1602	8-729-119-76	TRANSISTOR 2SA1175-HFE	
		< RESISTOR >	
⚠R1601	1-249-381-11	CARBON 1 5% 1/4W F	
⚠R1602	1-249-381-11	CARBON 1 5% 1/4W F	
R1607	1-249-429-11	CARBON 10K 5% 1/4W	
R1608	1-249-429-11	CARBON 10K 5% 1/4W	
R1609	1-249-429-11	CARBON 10K 5% 1/4W	
R1610	1-249-429-11	CARBON 10K 5% 1/4W	
R1617	1-249-429-11	CARBON 10K 5% 1/4W	
R1618	1-249-429-11	CARBON 10K 5% 1/4W	
R1629	1-249-437-11	CARBON 47K 5% 1/4W	
R1630	1-249-437-11	CARBON 47K 5% 1/4W	
R1631	1-249-409-11	CARBON 220 5% 1/4W	
R1632	1-249-411-11	CARBON 330 5% 1/4W	
R1633	1-249-411-11	CARBON 330 5% 1/4W	
R1634	1-249-411-11	CARBON 330 5% 1/4W	
R1635	1-249-411-11	CARBON 330 5% 1/4W	
R1636	1-249-411-11	CARBON 330 5% 1/4W	
R1637	1-249-402-11	CARBON 56 5% 1/4W	
R1638	1-249-409-11	CARBON 220 5% 1/4W	
R1640	1-249-429-11	CARBON 10K 5% 1/4W	
R1641	1-247-807-31	CARBON 100 5% 1/4W	
R1642	1-247-807-31	CARBON 100 5% 1/4W	
R1643	1-247-807-31	CARBON 100 5% 1/4W	
R1644	1-247-807-31	CARBON 100 5% 1/4W	
R1645	1-247-807-31	CARBON 100 5% 1/4W	
R1646	1-247-807-31	CARBON 100 5% 1/4W	
R1647	1-247-807-31	CARBON 100 5% 1/4W	
R1648	1-247-807-31	CARBON 100 5% 1/4W	

Ref. No.	Part No.	Description	Remark
		< ROTARY ENCODER >	
RV1601	1-418-773-11	ENCODER, ROTARY (MASTER VOLUME)	
	1-681-103-11	H.P BOARD	
		< CONNECTOR >	
CN749	1-784-922-11	PIN, CONNECTOR 5P	
		< TERMINAL >	
* EB749	1-537-738-21	TERMINAL, EARTH	
		< JACK >	
J749	1-815-313-21	JACK (PHONES)	
	A-4476-485-A	MAIN BOARD, COMPLETE (DB870: CND)	
	A-4476-486-A	MAIN BOARD, COMPLETE (DB870: AEP, UK)	
	A-4476-498-A	MAIN BOARD, COMPLETE (US)	
	A-4476-510-A	MAIN BOARD, COMPLETE (DB1070: CND)	
	A-4476-511-A	MAIN BOARD, COMPLETE (CH, E2, E3, KR, MY, SP, TW)	
	A-4476-527-A	MAIN BOARD, COMPLETE (DB1070: AEP, UK)	
	7-685-872-09	SCREW +BVTT 3X8 (S)	
		< CAPACITOR >	
C107	1-128-825-11	CERAMIC 2200PF 5% 50V	
C108	1-128-809-11	CERAMIC 100PF 5% 50V (AEP, CH, E, UK)	
C109	1-128-813-11	CERAMIC 220PF 5% 50V (AEP, CH, E, UK)	
C110	1-119-821-11	ELECT MELF 2.2uF 20% 50V (DB870/DB1070: CH, CND, E, US)	
C110	1-135-740-11	ELECT 2.2uF 50V (DB1070: AEP, UK)	
C111	1-128-832-11	ELECT 220uF 20% 10V (DB870/DB1070: CH, CND, E, US)	
C111	1-135-667-11	ELECT 220uF 10V (DB1070: AEP, UK)	
C112	1-128-809-11	CERAMIC 100PF 5% 50V (AEP, CH, E, UK)	
C113	1-125-896-11	MYLAR 0.0091uF 5% 50V	
C114	1-136-159-00	MYLAR 0.033uF 5% 50V	
C115	1-119-821-11	ELECT MELF 2.2uF 20% 50V (DB870/DB1070: CH, CND, E, US)	
C115	1-135-740-11	ELECT 2.2uF 50V (DB1070: AEP, UK)	
C123	1-128-858-11	ELECT 22uF 20% 50V (DB1070: CH, CND, E, US)	
C123	1-135-744-11	ELECT 22uF 50V (DB1070: AEP, UK)	
C124	1-128-858-11	ELECT 22uF 20% 50V (DB1070: CH, CND, E, US)	
C124	1-135-744-11	ELECT 22uF 50V (DB1070: AEP, UK)	
C125	1-128-809-11	CERAMIC 100PF 5% 50V (DB1070)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

MAIN

Ref. No.	Part No.	Description			Remark
C126	1-128-825-11	CERAMIC	2200PF	5%	50V (DB1070)
C127	1-128-825-11	CERAMIC	2200PF	5%	50V (DB1070)
C128	1-127-868-11	CERAMIC	2200PF	10%	50V
C129	1-127-868-11	CERAMIC	2200PF	10%	50V
C130	1-128-809-11	CERAMIC	100PF	5%	50V
C131	1-127-868-11	CERAMIC	2200PF	10%	50V
C132	1-127-868-11	CERAMIC	2200PF	10%	50V
C133	1-128-809-11	CERAMIC	100PF	5%	50V
C134	1-128-809-11	CERAMIC	100PF	5%	50V (DB1070)
C136	1-128-825-11	CERAMIC	2200PF	5%	50V
C137	1-128-825-11	CERAMIC	2200PF	5%	50V (DB1070)
C138	1-127-876-11	CERAMIC	0.01uF	10%	50V
C159	1-128-813-11	CERAMIC	220PF	5%	50V (AEP, CH, E, UK)
C160	1-119-821-11	ELECT MELF	2.2uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C160	1-135-740-11	ELECT	2.2uF		50V (DB1070: AEP, UK)
C161	1-128-832-11	ELECT	220uF	20%	10V (DB870/DB1070: CH, CND, E, US)
C161	1-135-667-11	ELECT	220uF		10V (DB1070: AEP, UK)
C162	1-128-809-11	CERAMIC	100PF	5%	50V (AEP, CH, E, UK)
C163	1-125-896-11	MYLAR	0.0091uF	5%	50V
C164	1-136-159-00	MYLAR	0.033uF	5%	50V
C165	1-119-821-11	ELECT MELF	2.2uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C165	1-135-740-11	ELECT	2.2uF		50V (DB1070: AEP, UK)
C173	1-128-858-11	ELECT	22uF	20%	50V (DB1070: CH, CND, E, US)
C173	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C174	1-128-858-11	ELECT	22uF	20%	50V (DB1070: CH, CND, E, US)
C174	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C175	1-128-809-11	CERAMIC	100PF	5%	50V (DB1070)
C177	1-128-825-11	CERAMIC	2200PF	5%	50V (DB1070)
C401	1-128-858-11	ELECT	22uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C401	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C402	1-128-813-11	CERAMIC	220PF	5%	50V
C404	1-128-858-11	ELECT	22uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C404	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C405	1-128-813-11	CERAMIC	220PF	5%	50V
C406	1-102-233-00	CERAMIC	33PF	10%	500V
C407	1-136-163-00	MYLAR	0.068uF	5%	50V
C408	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C409	1-128-832-11	ELECT	220uF	20%	10V (DB870/DB1070: CH, CND, E, US)
C409	1-135-667-11	ELECT	220uF		10V (DB1070: AEP, UK)
C410	1-128-809-11	CERAMIC	100PF	5%	50V
C411	1-107-597-11	CERAMIC	22PF	10%	500V
C412	1-107-597-11	CERAMIC	22PF	10%	500V
C414	1-136-163-00	MYLAR	0.068uF	5%	50V
C417	1-128-809-11	CERAMIC	100PF	5%	50V
C419	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)
C419	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C420	1-128-809-11	CERAMIC	100PF	5%	50V
C451	1-128-858-11	ELECT	22uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C451	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C452	1-128-813-11	CERAMIC	220PF	5%	50V
C454	1-128-858-11	ELECT	22uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C454	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C455	1-128-813-11	CERAMIC	220PF	5%	50V
C456	1-102-233-00	CERAMIC	33PF	10%	500V
C457	1-136-163-00	MYLAR	0.068uF	5%	50V
C458	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C459	1-128-832-11	ELECT	220uF	20%	10V (DB870/DB1070: CH, CND, E, US)
C459	1-135-667-11	ELECT	220uF		10V (DB1070: AEP, UK)
C460	1-128-809-11	CERAMIC	100PF	5%	50V
C461	1-107-597-11	CERAMIC	22PF	10%	500V
C462	1-107-597-11	CERAMIC	22PF	10%	500V
C464	1-136-163-00	MYLAR	0.068uF	5%	50V
C467	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)"
C467	1-135-708-11	ELECT	47uF		16V (DB1070: AEP, UK)
C501	1-128-858-11	ELECT	22uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C501	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C502	1-128-813-11	CERAMIC	220PF	5%	50V
C504	1-128-858-11	ELECT	22uF	20%	50V (DB870/DB1070: CH, CND, E, US)
C504	1-135-744-11	ELECT	22uF		50V (DB1070: AEP, UK)
C505	1-128-813-11	CERAMIC	220PF	5%	50V
C506	1-102-233-00	CERAMIC	33PF	10%	500V
C507	1-128-809-11	CERAMIC	100PF	5%	50V
C508	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C509	1-128-832-11	ELECT	220uF	20%	10V (DB870/DB1070: CH, CND, E, US)
C509	1-135-667-11	ELECT	220uF		10V (DB1070: AEP, UK)
C510	1-128-809-11	CERAMIC	100PF	5%	50V
C511	1-107-597-11	CERAMIC	22PF	10%	500V
C512	1-107-597-11	CERAMIC	22PF	10%	500V
C514	1-136-163-00	MYLAR	0.068uF	5%	50V
C517	1-128-809-11	CERAMIC	100PF	5%	50V
C518	1-128-840-11	ELECT	47uF	20%	16V (DB870/DB1070: CH, CND, E, US)

MAIN

Ref. No.	Part No.	Description			Remark
C518	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C519	1-128-809-11	CERAMIC	100PF	5%	50V
C520	1-136-163-00	MYLAR	0.068uF	5%	50V
C551	1-128-858-11	ELECT	22uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C551	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C552	1-128-813-11	CERAMIC	220PF	5%	50V
C554	1-128-858-11	ELECT	22uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C554	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C555	1-128-813-11	CERAMIC	220PF	5%	50V
C556	1-102-233-00	CERAMIC	33PF	10%	500V
C557	1-128-809-11	CERAMIC	100PF	5%	50V
C558	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C559	1-128-832-11	ELECT	220uF	20%	10V
					(DB870/DB1070: CH, CND, E, US)
C559	1-135-667-11	ELECT	220uF		10V
					(DB1070: AEP, UK)
C560	1-128-809-11	CERAMIC	100PF	5%	50V
C561	1-107-597-11	CERAMIC	22PF	10%	500V
C562	1-107-597-11	CERAMIC	22PF	10%	500V
C564	1-136-163-00	MYLAR	0.068uF	5%	50V
C567	1-128-840-11	ELECT	47uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C567	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C568	1-136-163-00	MYLAR	0.068uF	5%	50V
C601	1-128-858-11	ELECT	22uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C601	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C602	1-128-813-11	CERAMIC	220PF	5%	50V
C604	1-128-858-11	ELECT	22uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C604	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C605	1-128-813-11	CERAMIC	220PF	5%	50V
C606	1-102-233-00	CERAMIC	33PF	10%	500V
C607	1-128-809-11	CERAMIC	100PF	5%	50V
C608	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C609	1-128-832-11	ELECT	220uF	20%	10V
					(DB870/DB1070: CH, CND, E, US)
C609	1-135-667-11	ELECT	220uF		10V
					(DB1070: AEP, UK)
C610	1-128-809-11	CERAMIC	100PF	5%	50V
C611	1-107-597-11	CERAMIC	22PF	10%	500V
C612	1-107-597-11	CERAMIC	22PF	10%	500V
C614	1-136-163-00	MYLAR	0.068uF	5%	50V
C617	1-128-809-11	CERAMIC	100PF	5%	50V
C618	1-128-840-11	ELECT	47uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C618	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C619	1-128-809-11	CERAMIC	100PF	5%	50V
C620	1-136-163-00	MYLAR	0.068uF	5%	50V
C651	1-128-858-11	ELECT	22uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)

Ref. No.	Part No.	Description			Remark
C651	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C652	1-128-813-11	CERAMIC	220PF	5%	50V
C654	1-128-858-11	ELECT	22uF	20%	50V
					(DB1070: CH, CND, E, US)
C654	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C655	1-128-813-11	CERAMIC	220PF	5%	50V
					(DB1070)
C656	1-102-233-00	CERAMIC	33PF	10%	500V
					(DB1070)
C657	1-128-809-11	CERAMIC	100PF	5%	50V
					(DB1070)
C658	1-102-230-00	CERAMIC	4PF	0.25PF	500V
					(DB1070)
C659	1-128-832-11	ELECT	220uF	20%	10V
					(DB1070: CH, CND, E, US)
C659	1-135-667-11	ELECT	220uF		10V
					(DB1070: AEP, UK)
C660	1-128-809-11	CERAMIC	100PF	5%	50V
					(DB1070)
C661	1-107-597-11	CERAMIC	22PF	10%	500V
					(DB1070)
C662	1-107-597-11	CERAMIC	22PF	10%	500V
					(DB1070)
C664	1-136-163-00	MYLAR	0.068uF	5%	50V
					(DB1070)
C667	1-128-840-11	ELECT	47uF	20%	16V
					(DB870/DB1070: CH, CND, E, US)
C667	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C668	1-136-163-00	MYLAR	0.068uF	5%	50V
					(DB1070)
C701	1-128-858-11	ELECT	22uF	20%	50V
					(DB1070: CH, CND, E, US)
C701	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C702	1-128-813-11	CERAMIC	220PF	5%	50V
					(DB1070)
C703	1-128-858-11	ELECT	22uF	20%	50V
					(DB870/DB1070: CH, CND, E, US)
C703	1-135-744-11	ELECT	22uF		50V
					(DB1070: AEP, UK)
C704	1-128-809-11	CERAMIC	100PF	5%	50V
					(DB1070)
C718	1-128-840-11	ELECT	47uF	20%	16V
					(DB1070: CH, CND, E, US)
C718	1-135-708-11	ELECT	47uF		16V
					(DB1070: AEP, UK)
C801	1-127-726-11	ELECT MELF	470uF	20%	25V
					(DB870/DB1070: CH, CND, E, US)
C801	1-135-684-11	ELECT	470uF		25V
					(DB1070: AEP, UK)
C802	1-127-726-11	ELECT MELF	470uF	20%	25V
					(DB870/DB1070: CH, CND, E, US)
C802	1-135-684-11	ELECT	470uF		25V
					(DB1070: AEP, UK)
C803	1-136-173-00	MYLAR	0.47uF	5%	50V
C804	1-136-173-00	MYLAR	0.47uF	5%	50V
C809	1-128-883-11	ELECT	22uF	20%	100V
					(DB870/DB1070: CH, CND, E, US)
C809	1-135-727-11	ELECT	22uF		100V
					(DB1070: AEP, UK)

MAIN

Ref. No.	Part No.	Description	Remark
C810	1-128-883-11	ELECT 22uF 20% 100V (DB870/DB1070: CH, CND, E, US)	
C810	1-135-727-11	ELECT 22uF 100V (DB1070: AEP, UK)	
C811	1-128-560-11	ELECT 22uF 20% 100V	
C812	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C813	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C814	1-126-933-11	ELECT 100uF 20% 16V	
C815	1-126-933-11	ELECT 100uF 20% 16V	
C816	1-127-880-11	CERAMIC 0.022uF 10% 50V	
C817	1-135-775-11	ELECT 47uF 35V	
C818	1-128-858-11	ELECT 22uF 20% 25V (DB870/DB1070: CH, CND, E, US)	
C818	1-135-703-11	ELECT 22uF 25V (DB1070: AEP, UK)	
C819	1-128-858-11	ELECT 22uF 20% 25V (DB870/DB1070: CH, CND, E, US)	
C819	1-135-703-11	ELECT 22uF 25V (DB1070: AEP, UK)	
C824	1-127-876-11	CERAMIC 0.01uF 10% 50V	
		< CONNECTOR >	
CN101	1-568-828-11	CONNECTOR, FFC 9P	
CN801	1-784-922-11	PIN, CONNECTOR 5P	
CN802	1-785-102-11	PIN, CONNECTOR 4P	
CN803	1-785-102-21	PIN, CONNECTOR 4P	
CN804	1-784-923-11	PIN, CONNECTOR 7P	
CN805	1-784-926-11	PIN, CONNECTOR 11P	
CN806	1-569-814-11	CONNECTOR, BOARD TO BOARD 21P	
CN807	1-569-814-11	CONNECTOR, BOARD TO BOARD 21P	
CN808	1-564-505-11	PLUG, CONNECTOR 2P	
		< DIODE >	
D301	8-719-911-19	DIODE 1SS199-25 (DB1070)	
D801	8-719-911-19	DIODE 1SS199-25	
D802	8-719-911-19	DIODE 1SS199-25	
D803	8-719-911-19	DIODE 1SS199-25	
D809	8-719-911-19	DIODE 1SS199-25	
D810	8-719-911-19	DIODE 1SS199-25	
D811	8-719-911-19	DIODE 1SS199-25	
D813	8-719-911-19	DIODE 1SS199-25 (DB1070)	
D814	8-719-911-19	DIODE 1SS199-25	
D815	8-719-985-88	DIODE HZS6B2LTA	
D816	8-719-911-19	DIODE 1SS199-25	
		< IC >	
IC101	8-759-835-79	IC TC9274N-016	
IC102	8-759-582-64	IC TC9273N-004	
IC103	8-759-636-74	IC M5218AP-22 (DB1070)	
IC104	8-759-636-74	IC M5218AP-22	
IC105	8-759-582-66	IC TC9273N-013 (DB1070)	
IC401	8-759-835-76	IC TC94A07P	
IC402	8-759-636-74	IC M5218AP-22	
IC403	8-759-326-52	IC uPC2581V	
IC501	8-759-835-76	IC TC94A07P	
IC502	8-759-636-74	IC M5218AP-22	
IC503	8-759-326-52	IC uPC2581V	
IC601	8-759-835-76	IC TC94A07P	
IC602	8-759-636-74	IC M5218AP-22	
IC603	8-759-326-52	IC uPC2581V	
IC701	8-759-835-76	IC TC94A07P (DB1070)	
IC702	8-759-636-74	IC M5218AP-22 (DB1070)	
IC801	8-759-231-59	IC TA7815S	
IC802	8-759-245-87	IC TA7915S	
IC804	8-759-036-90	IC MC74ACT08N	
IC805	8-759-036-90	IC MC74ACT08N	
		< JACK >	
J301	1-794-981-11	JACK, PIN 4P (PHONO IN, CD/SACD IN)	(DB870)
J301	1-794-982-11	JACK, PIN 4P (PHONO IN, CD/SACD IN)	(DB1070)
J302	1-794-981-11	JACK, PIN 4P (MD/TAPE OUT, MD/TAPE IN)	(DB870)
J302	1-794-982-11	JACK, PIN 4P (MD/DAT OUT, MD/DAT IN)	(DB1070)
J303	1-794-984-11	JACK, PIN 6P (TAPE IN/OUT, 2ND ROOM OUT)	(DB1070)
J304	1-815-543-11	JACK, PIN 6P (MULTI CH IN 1 FRONT/ SURROUND/CENTER/SURROUND BACK)	(DB1070)
J305	1-793-775-12	JACK, PIN 6P (MULTI CH IN FRONT/ SURROUND/CENTER/SUB WOOFER)	(DB870)
J305	1-815-543-11	JACK, PIN 6P (MULTI CH IN 2 FRONT/ SURROUND/CENTER/SUB WOOFER)	(DB1070)
J307	1-794-974-11	JACK, PIN 1P (SUB WOOFER) (DB1070)	
		< COIL >	
L401	1-420-872-00	COIL, AIR-CORE	
L451	1-420-872-00	COIL, AIR-CORE	
L501	1-420-872-00	COIL, AIR-CORE	
L551	1-420-872-00	COIL, AIR-CORE	
L601	1-420-872-00	COIL, AIR-CORE	
L651	1-420-872-00	COIL, AIR-CORE (DB1070)	
		< TRANSISTOR/IC >	
Q301	8-729-119-79	TRANSISTOR 2SC2785-FEK (DB1070)	
Q401	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q402	8-729-051-92	TRANSISTOR 2SD2560 (DB1070)	
Q402	8-749-010-25	IC MN2488-OPY-M (DB870)	
Q403	8-729-051-93	TRANSISTOR 2SB1647 (DB1070)	
Q403	8-749-010-26	IC MP1620-OPY-M (DB870)	
Q451	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q452	8-729-051-92	TRANSISTOR 2SD2560 (DB1070)	
Q452	8-749-010-25	IC MN2488-OPY-M (DB870)	
Q453	8-729-051-93	TRANSISTOR 2SB1647 (DB1070)	
Q453	8-749-010-26	IC MP1620-OPY-M (DB870)	
Q501	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q502	8-729-051-92	TRANSISTOR 2SD2560 (DB1070)	
Q502	8-749-010-25	IC MN2488-OPY-M (DB870)	
Q503	8-729-051-93	TRANSISTOR 2SB1647 (DB1070)	
Q503	8-749-010-26	IC MP1620-OPY-M (DB870)	
Q551	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q552	8-729-051-92	TRANSISTOR 2SD2560 (DB1070)	
Q552	8-749-010-25	IC MN2488-OPY-M (DB870)	
Q553	8-729-051-93	TRANSISTOR 2SB1647 (DB1070)	
Q553	8-749-010-26	IC MP1620-OPY-M (DB870)	

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Ref. No.	Part No.	Description	Remark
Q601	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q602	8-729-051-92	TRANSISTOR 2SD2560 (DB1070)	
Q602	8-749-010-25	IC MN2488-OPY-M (DB870)	
Q603	8-729-051-93	TRANSISTOR 2SB1647 (DB1070)	
Q603	8-749-010-26	IC MP1620-OPY-M (DB870)	
Q651	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q652	8-729-051-92	TRANSISTOR 2SD2560 (DB1070)	
Q653	8-729-051-93	TRANSISTOR 2SB1647 (DB1070)	
Q701	8-729-141-30	TRANSISTOR 2SC3623ATP-LK (DB1070)	
Q806	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q807	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q808	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q809	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q810	8-729-900-63	TRANSISTOR DTA124ES	
Q811	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q812	8-729-900-36	TRANSISTOR DTC124ES	
Q813	8-729-900-63	TRANSISTOR DTA124ES	
Q815	8-729-119-79	TRANSISTOR 2SC2785-FEK (DB1070)	
Q823	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q824	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q825	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q826	8-729-119-79	TRANSISTOR 2SC2785-FEK	
		< RESISTOR >	
R101	1-249-417-11	CARBON 1K 5% 1/4W	
R102	1-249-417-11	CARBON 1K 5% 1/4W	
R103	1-249-417-11	CARBON 1K 5% 1/4W	
R104	1-249-417-11	CARBON 1K 5% 1/4W	
R105	1-249-417-11	CARBON 1K 5% 1/4W	
R106	1-249-417-11	CARBON 1K 5% 1/4W	
R113	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R114	1-249-417-11	CARBON 1K 5% 1/4W	
R115	1-249-421-11	CARBON 2.2K 5% 1/4W	(AEP, CH, E, UK)
R116	1-249-441-11	CARBON 100K 5% 1/4W	
R117	1-249-440-11	CARBON 82K 5% 1/4W	
R118	1-249-408-11	CARBON 180 5% 1/4W	
R119	1-249-428-11	CARBON 8.2K 5% 1/4W	
R120	1-249-441-11	CARBON 100K 5% 1/4W	
R121	1-247-807-31	CARBON 100 5% 1/4W	
R122	1-249-413-11	CARBON 470 5% 1/4W	
R123	1-249-441-11	CARBON 100K 5% 1/4W	
R125	1-249-417-11	CARBON 1K 5% 1/4W	
R126	1-249-421-11	CARBON 2.2K 5% 1/4W	
R127	1-249-417-11	CARBON 1K 5% 1/4W	
R128	1-249-421-11	CARBON 2.2K 5% 1/4W	(DB1070)
R129	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R130	1-249-425-11	CARBON 4.7K 5% 1/4W	(DB1070)
R131	1-247-807-31	CARBON 100 5% 1/4W	(DB1070)
R132	1-249-437-11	CARBON 47K 5% 1/4W	(DB1070)
R133	1-247-887-00	CARBON 220K 5% 1/4W	(DB1070)
R134	1-247-887-00	CARBON 220K 5% 1/4W	(DB1070)
R135	1-249-417-11	CARBON 1K 5% 1/4W	
R151	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R152	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R153	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R154	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R155	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R156	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R157	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R165	1-249-421-11	CARBON 2.2K 5% 1/4W	(AEP, CH, E, UK)
R166	1-249-441-11	CARBON 100K 5% 1/4W	
R167	1-249-440-11	CARBON 82K 5% 1/4W	
R168	1-249-408-11	CARBON 180 5% 1/4W	
R169	1-249-428-11	CARBON 8.2K 5% 1/4W	
R170	1-249-441-11	CARBON 100K 5% 1/4W	
R171	1-247-807-31	CARBON 100 5% 1/4W	
R172	1-249-413-11	CARBON 470 5% 1/4W	
R173	1-249-441-11	CARBON 100K 5% 1/4W	
R175	1-249-417-11	CARBON 1K 5% 1/4W	
R176	1-249-421-11	CARBON 2.2K 5% 1/4W	
R177	1-249-417-11	CARBON 1K 5% 1/4W	
R178	1-249-421-11	CARBON 2.2K 5% 1/4W	(DB1070)
R179	1-249-417-11	CARBON 1K 5% 1/4W	(DB1070)
R180	1-249-425-11	CARBON 4.7K 5% 1/4W	(DB1070)
R181	1-247-807-31	CARBON 100 5% 1/4W	(DB1070)
R182	1-249-437-11	CARBON 47K 5% 1/4W	(DB1070)
R183	1-247-887-00	CARBON 220K 5% 1/4W	(DB1070)
R184	1-247-887-00	CARBON 220K 5% 1/4W	(DB1070)
⚠R315	1-249-393-11	CARBON 10 5% 1/4W F	(DB1070)
R336	1-249-429-11	CARBON 10K 5% 1/4W	(DB1070)
R337	1-249-425-11	CARBON 4.7K 5% 1/4W	(DB1070)
R401	1-249-427-11	CARBON 6.8K 5% 1/4W	
R402	1-249-417-11	CARBON 1K 5% 1/4W	
R403	1-249-441-11	CARBON 100K 5% 1/4W	
R404	1-249-417-11	CARBON 1K 5% 1/4W	
R407	1-249-433-11	CARBON 22K 5% 1/4W	
R408	1-249-417-11	CARBON 1K 5% 1/4W	
R409	1-249-439-11	CARBON 68K 5% 1/4W	
R410	1-249-422-11	CARBON 2.7K 5% 1/4W	(EXCEPT DB1070: AEP, UK)
R410	1-249-683-31	CARBON 2.7K 5% 1/2W	(DB1070: AEP, UK)

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MAIN

Ref. No.	Part No.	Description				Remark
R411	1-249-439-11	CARBON	68K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R411	1-249-494-11	CARBON	68K	5%	1/2W	(DB1070: AEP, UK)
⚠R412	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R413	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R414	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
⚠R417	1-249-393-11	CARBON	10	5%	1/4W	F
R423	1-249-393-11	CARBON	10	5%	1/4W	
R451	1-249-427-11	CARBON	6.8K	5%	1/4W	
R452	1-249-417-11	CARBON	1K	5%	1/4W	
R453	1-249-441-11	CARBON	100K	5%	1/4W	
R458	1-249-417-11	CARBON	1K	5%	1/4W	
R459	1-249-439-11	CARBON	68K	5%	1/4W	
R460	1-249-422-11	CARBON	2.7K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R460	1-249-683-31	CARBON	2.7K	5%	1/2W	(DB1070: AEP, UK)
R461	1-249-439-11	CARBON	68K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R461	1-249-494-11	CARBON	68K	5%	1/2W	(DB1070: AEP, UK)
⚠R462	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R463	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R464	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
⚠R467	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R473	1-249-393-11	CARBON	10	5%	1/4W	F
R501	1-249-427-11	CARBON	6.8K	5%	1/4W	
R502	1-249-417-11	CARBON	1K	5%	1/4W	
R503	1-249-441-11	CARBON	100K	5%	1/4W	
R504	1-249-417-11	CARBON	1K	5%	1/4W	
R507	1-249-433-11	CARBON	22K	5%	1/4W	
R508	1-249-417-11	CARBON	1K	5%	1/4W	
R509	1-249-439-11	CARBON	68K	5%	1/4W	
R510	1-249-422-11	CARBON	2.7K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R510	1-249-683-31	CARBON	2.7K	5%	1/2W	(DB1070: AEP, UK)
R511	1-249-439-11	CARBON	68K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R511	1-249-494-11	CARBON	68K	5%	1/2W	(DB1070: AEP, UK)
⚠R512	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R513	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R514	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
⚠R517	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R523	1-249-393-11	CARBON	10	5%	1/4W	F
R551	1-249-427-11	CARBON	6.8K	5%	1/4W	
R552	1-249-417-11	CARBON	1K	5%	1/4W	
R553	1-249-441-11	CARBON	100K	5%	1/4W	
R558	1-249-417-11	CARBON	1K	5%	1/4W	
R559	1-249-439-11	CARBON	68K	5%	1/4W	
R560	1-249-422-11	CARBON	2.7K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R560	1-249-683-31	CARBON	2.7K	5%	1/2W	(DB1070: AEP, UK)
R561	1-249-439-11	CARBON	68K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R561	1-249-494-11	CARBON	68K	5%	1/2W	(DB1070: AEP, UK)
⚠R562	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R563	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R564	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
⚠R567	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R573	1-249-393-11	CARBON	10	5%	1/4W	F
R601	1-249-427-11	CARBON	6.8K	5%	1/4W	
R602	1-249-417-11	CARBON	1K	5%	1/4W	
R603	1-249-441-11	CARBON	100K	5%	1/4W	
R604	1-249-417-11	CARBON	1K	5%	1/4W	
R607	1-249-433-11	CARBON	22K	5%	1/4W	
R608	1-249-417-11	CARBON	1K	5%	1/4W	
R609	1-249-439-11	CARBON	68K	5%	1/4W	
R610	1-249-422-11	CARBON	2.7K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R610	1-249-683-31	CARBON	2.7K	5%	1/2W	(DB1070: AEP, UK)
R611	1-249-439-11	CARBON	68K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R611	1-249-494-11	CARBON	68K	5%	1/2W	(DB1070: AEP, UK)
⚠R612	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R613	1-249-405-11	CARBON	100	5%	1/4W	F
⚠R614	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F
⚠R617	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R623	1-249-393-11	CARBON	10	5%	1/4W	F
R651	1-249-427-11	CARBON	6.8K	5%	1/4W	
R652	1-249-417-11	CARBON	1K	5%	1/4W	
R653	1-249-441-11	CARBON	100K	5%	1/4W	
R658	1-249-417-11	CARBON	1K	5%	1/4W	(DB1070)
R659	1-249-439-11	CARBON	68K	5%	1/4W	(DB1070)
R660	1-249-422-11	CARBON	2.7K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R660	1-249-683-31	CARBON	2.7K	5%	1/2W	(DB1070: AEP, UK)
R661	1-249-439-11	CARBON	68K	5%	1/4W	(EXCEPT DB1070: AEP, UK)
R661	1-249-494-11	CARBON	68K	5%	1/2W	(DB1070: AEP, UK)
⚠R662	1-249-405-11	CARBON	100	5%	1/4W	F (DB1070)
⚠R663	1-249-405-11	CARBON	100	5%	1/4W	F (DB1070)
⚠R664	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W	F (DB1070)
⚠R667	1-249-393-11	CARBON	10	5%	1/4W	F (DB1070)
⚠R673	1-249-393-11	CARBON	10	5%	1/4W	F (DB1070)
R701	1-249-427-11	CARBON	6.8K	5%	1/4W	(DB1070)
R702	1-249-417-11	CARBON	1K	5%	1/4W	(DB1070)
R703	1-249-441-11	CARBON	100K	5%	1/4W	(DB1070)
R704	1-249-417-11	CARBON	1K	5%	1/4W	(DB1070)
R808	1-249-433-11	CARBON	22K	5%	1/4W	
⚠R809	1-215-887-00	METAL OXIDE	150	5%	2W	F (AEP, UK)

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MAIN **MUTING** **POWER**

Ref. No.	Part No.	Description			Remark
⚠R809	1-215-889-00	METAL OXIDE	330	5%	2W F (CND, US)
⚠R809	1-215-890-11	METAL OXIDE	470	5%	2W F (CH, E)
⚠R810	1-249-381-11	CARBON	1	5%	1/4W F
⚠R811	1-249-381-11	CARBON	1	5%	1/4W F
R812	1-249-425-11	CARBON	4.7K	5%	1/4W
R813	1-249-425-11	CARBON	4.7K	5%	1/4W
R814	1-249-425-11	CARBON	4.7K	5%	1/4W
R815	1-249-429-11	CARBON	10K	5%	1/4W
R816	1-249-429-11	CARBON	10K	5%	1/4W
R817	1-249-429-11	CARBON	10K	5%	1/4W
R818	1-249-429-11	CARBON	10K	5%	1/4W
⚠R820	1-249-393-11	CARBON	10	5%	1/4W F
⚠R822	1-249-393-11	CARBON	10	5%	1/4W F
⚠R824	1-215-867-00	METAL OXIDE	470	5%	1W F
⚠R825	1-215-867-00	METAL OXIDE	470	5%	1W F
R826	1-247-903-00	CARBON	1M	5%	1/4W
⚠R830	1-249-393-11	CARBON	10	5%	1/4W F (DB1070)
R831	1-249-429-11	CARBON	10K	5%	1/4W (DB1070)
R832	1-249-425-11	CARBON	4.7K	5%	1/4W (DB1070)
R833	1-247-903-00	CARBON	1M	5%	1/4W
R835	1-249-441-11	CARBON	100K	5%	1/4W
⚠R841	1-249-399-11	CARBON	33	5%	1/4W F
⚠R846	1-249-399-11	CARBON	33	5%	1/4W F
R847	1-249-425-11	CARBON	4.7K	5%	1/4W
R848	1-249-429-11	CARBON	10K	5%	1/4W
⚠R849	1-249-393-11	CARBON	10	5%	1/4W F
R850	1-249-417-11	CARBON	1K	5%	1/4W
R851	1-249-425-11	CARBON	4.7K	5%	1/4W
R852	1-249-425-11	CARBON	4.7K	5%	1/4W
R853	1-249-429-11	CARBON	10K	5%	1/4W
⚠R854	1-249-393-11	CARBON	10	5%	1/4W F
R855	1-249-429-11	CARBON	10K	5%	1/4W
R856	1-249-429-11	CARBON	10K	5%	1/4W
R859	1-249-421-11	CARBON	2.2K	5%	1/4W
R860	1-249-429-11	CARBON	10K	5%	1/4W
R864	1-249-437-11	CARBON	47K	5%	1/4W
		< RELAY >			
RY301	1-515-793-11	RELAY (DB1070)			
RY801	1-515-920-11	RELAY (24V)			
RY803	1-515-920-11	RELAY (24V)			
RY805	1-515-793-11	RELAY (DB1070)			
RY806	1-515-793-11	RELAY			
RY807	1-515-793-11	RELAY			
		< TERMINAL >			
TM501	1-694-837-11	TERMINAL BOARD (SP) (SURROUND/CENTER/SURRONUD BACK SPEAKERS) (DB1070)			
TM501	1-694-839-11	TERMINAL BOARD (SP) (SURROUND/CENTER SPEAKERS) (DB870)			

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Ref. No.	Part No.	Description			Remark
	1-681-100-11	MUTING BOARD			
		**********			
		< CONNECTOR >			
* CN1801	1-695-808-11	CONNECTOR, PC BOARD 8P			
		< LED >			
D1801	8-719-046-39	LED SEL5821A-TP15 (AUDIO SPLIT)			
		< RESISTOR >			
R1801	1-249-417-11	CARBON	1K	5%	1/4W
R1802	1-249-421-11	CARBON	2.2K	5%	1/4W
R1803	1-249-409-11	CARBON	220	5%	1/4W
		< ROTARY ENCODER >			
RV1801	1-467-808-21	ENCODER, ROTARY (FUNCTION)			
		< SWITCH >			
S1801	1-762-875-21	SWITCH, KEYBOARD (INPUT MODE)			
S1802	1-762-875-21	SWITCH, KEYBOARD (AUDIO SPLIT)			
S1803	1-762-875-21	SWITCH, KEYBOARD (MUTING)			

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Ref. No.	Part No.	Description			Remark
	1-681-101-11	POWER BOARD			
		**********			
		< CAPACITOR >			
C1701	1-104-660-11	ELECT	47uF	20%	16V
		< CONNECTOR >			
CN1701	1-770-404-11	HOUSING, CONNECTOR (PC BOARD) 11P			
		< IC >			
IC1701	8-759-459-85	IC NJL63H400A (REMOTE CONTROL RECEIVER)			
		< RESISTOR >			
R1701	1-247-807-31	CARBON	100	5%	1/4W
R1702	1-249-393-11	CARBON	10	5%	1/4W
R1703	1-249-433-11	CARBON	22K	5%	1/4W
R1704	1-249-417-11	CARBON	1K	5%	1/4W
		< SWITCH >			
S1701	1-786-151-11	SWITCH, ROTARY (SPEAKERS)			
S1702	1-762-875-21	SWITCH, KEYBOARD (DIMMER)			
S1703	1-762-875-21	SWITCH, KEYBOARD (DISPLAY)			
S1704	1-762-875-21	SWITCH, KEYBOARD (I/⏻)			

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S-VIDEO

Ref. No.	Part No.	Description			Remark
	A-4476-478-A	S-VIDEO BOARD, COMPLETE (DB870: CND)			
	A-4476-493-A	S-VIDEO BOARD, COMPLETE(DB870: AEP, UK)			
	A-4476-506-A	S-VIDEO BOARD, COMPLETE (DB1070: CND, US)			
	A-4476-517-A	S-VIDEO BOARD, COMPLETE (DB1070: AEP, CH, E2, E3, KR, MY, SP, TW, UK)			
		**********			
		< CAPACITOR >			
C750	1-128-805-11	CERAMIC	47PF	5%	50V (DB870)
C751	1-128-805-11	CERAMIC	47PF	5%	50V (DB870)
C752	1-128-805-11	CERAMIC	47PF	5%	50V
C753	1-128-805-11	CERAMIC	47PF	5%	50V
C754	1-128-825-11	CERAMIC	2200PF	5%	50V
C755	1-136-165-00	MYLAR	0.1uF	5%	50V
C756	1-136-165-00	MYLAR	0.1uF	5%	50V
C757	1-136-165-00	MYLAR	0.1uF	5%	50V
C758	1-126-964-11	ELECT	10uF	20%	50V
C759	1-126-964-11	ELECT	10uF	20%	50V
C760	1-126-964-11	ELECT	10uF	20%	50V
C761	1-128-825-11	CERAMIC	2200PF	5%	50V
C762	1-128-825-11	CERAMIC	2200PF	5%	50V
C763	1-127-888-11	CERAMIC	0.1uF	10%	50V
C764	1-136-165-00	MYLAR	0.1uF	5%	50V
C765	1-128-817-11	CERAMIC	470PF	5%	50V (CND, US)
C766	1-104-660-11	ELECT	47uF	20%	16V (CND, US)
C767	1-127-888-11	CERAMIC	0.1uF	10%	50V
C768	1-128-817-11	CERAMIC	470PF	5%	50V (CND, US)
C769	1-127-888-11	CERAMIC	0.1uF	10%	50V
C770	1-126-964-11	ELECT	10uF	20%	50V
C772	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
* CN751	1-573-828-11	CONNECTOR, BOARD TO BOARD 14P (DB1070: AEP, CH, E, UK)			
CN751	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P (DB870: AEP, UK)			
CN751	1-784-040-41	CONNECTOR, BOARD TO BOARD 19P (CND, US)			
* CN753	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P			
		< DIODE >			
D750	8-719-911-19	DIODE 1SS199-25			
D751	8-719-911-19	DIODE 1SS199-25			
		< IC >			
IC750	8-759-529-20	IC NJM2296D			
IC751	8-759-666-33	IC NJM2145D (CND, US)			
IC752	8-759-529-20	IC NJM2296D			
		< JACK >			
J750	1-764-676-11	CONNECTOR (ROUND TYPE) (TV/SAT S-VIDEO IN, DVD/LD S-VIDEO IN) (DB870)			
J750	1-779-801-11	CONNECTOR (DIN) 2P (TV/SAT S-VIDEO IN, DVD/LD S-VIDEO IN) (DB1070)			
J751	1-537-943-11	CONNECTOR (DIN) 1P (MONITOR S-VIDEO OUT) (DB870)			
J751	1-779-800-11	CONNECTOR (DIN) (MONITOR S-VIDEO OUT) (DB1070)			
J752	1-764-676-11	CONNECTOR (ROUND TYPE) (VIDEO 1 S-VIDEO OUT) (DB870)			
J752	1-779-801-11	CONNECTOR (DIN) (VIDEO 1 S-VIDEO OUT) (DB1070)			
J753	1-563-330-11	JACK (MONITOR CTRL S IN) (CND, US)			
J754	1-563-330-11	JACK (TV/SAT CTRL S STATUS IN) (CND, US)			
J755	1-563-330-11	JACK (DVD/LD CTRL S OUT) (CND, US)			
J756	1-563-330-11	JACK (VIDEO 1 CTRL S OUT) (CND, US)			
		< TRANSISTOR >			
Q750	8-729-900-80	TRANSISTOR	DTC124ES (CND, US)		
Q751	8-729-422-57	TRANSISTOR	UN4111 (CND, US)		
Q752	8-729-422-57	TRANSISTOR	UN4111 (CND, US)		
Q753	8-729-900-80	TRANSISTOR	DTC124ES (CND, US)		
		< RESISTOR >			
R750	1-249-417-11	CARBON	1K	5%	1/4W (CND, US)
R751	1-249-417-11	CARBON	1K	5%	1/4W (CND, US)
R752	1-249-417-11	CARBON	1K	5%	1/4W (CND, US)
R753	1-249-417-11	CARBON	1K	5%	1/4W (CND, US)
R754	1-247-804-11	CARBON	75	5%	1/4W
R755	1-247-804-11	CARBON	75	5%	1/4W
R756	1-247-804-11	CARBON	75	5%	1/4W
R757	1-247-804-11	CARBON	75	5%	1/4W
R758	1-247-804-11	CARBON	75	5%	1/4W
R759	1-247-804-11	CARBON	75	5%	1/4W
R760	1-247-804-11	CARBON	75	5%	1/4W
R761	1-247-804-11	CARBON	75	5%	1/4W
R762	1-247-804-11	CARBON	75	5%	1/4W
R763	1-247-804-11	CARBON	75	5%	1/4W
R764	1-249-427-11	CARBON	6.8K	5%	1/4W (CND, US)
R765	1-249-429-11	CARBON	10K	5%	1/4W (CND, US)
R766	1-249-427-11	CARBON	6.8K	5%	1/4W (CND, US)
R767	1-249-429-11	CARBON	10K	5%	1/4W (CND, US)
R768	1-249-427-11	CARBON	6.8K	5%	1/4W (CND, US)
R769	1-249-429-11	CARBON	10K	5%	1/4W (CND, US)
R770	1-247-804-11	CARBON	75	5%	1/4W
R771	1-247-804-11	CARBON	75	5%	1/4W
R772	1-247-807-31	CARBON	100	5%	1/4W (CND, US)
R773	1-249-429-11	CARBON	10K	5%	1/4W (CND, US)
R774	1-247-807-31	CARBON	100	5%	1/4W (CND, US)

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Ref. No.	Part No.	Description				Remark
	1-681-105-11	SP BOARD				
		*********				
		< CAPACITOR >				
C403	1-128-858-11	ELECT	22uF	20%	50V	
C421	1-128-809-11	CERAMIC	100PF	5%	50V	
C431	1-128-817-11	CERAMIC	470PF	5%	50V	
						(AEP, CH, E, UK)
C436	1-128-809-11	CERAMIC	100PF	5%	50V	
C453	1-128-858-11	ELECT	22uF	20%	50V	
C471	1-128-809-11	CERAMIC	100PF	5%	50V	
C481	1-128-817-11	CERAMIC	470PF	5%	50V	
						(AEP, CH, E, UK)
C503	1-128-858-11	ELECT	22uF	20%	50V	
C553	1-128-858-11	ELECT	22uF	20%	50V	
C603	1-128-858-11	ELECT	22uF	20%	50V	
C653	1-128-858-11	ELECT	22uF	20%	50V	
		< JACK >				
J401	1-815-542-11	JACK, PIN 4P (PRE OUT SURROUND BACK/				
						SUB WOOFER) (DB1070)
J402	1-779-902-21	JACK, PIN 4P (PRE OUT FRONT/SURROUND)				
						(DB870)
J402	1-815-541-11	JACK, PIN 4P (PRE OUT FRONT/SURROUND)				
						(DB1070)
J403	1-774-843-11	JACK, PIN 1P (PRE OUT CENTER)				
J701	1-793-777-12	JACK, PIN 2P (PRE OUT SUB WOOFER)				
						(DB870)
		< RESISTOR >				
⚠R431	1-249-393-11	CARBON	10	5%	1/4W F	
						(AEP, CH, E, UK)
R433	1-249-417-11	CARBON	1K	5%	1/4W	
⚠R481	1-249-393-11	CARBON	10	5%	1/4W F	
						(AEP, CH, E, UK)
R483	1-249-417-11	CARBON	1K	5%	1/4W	
R533	1-249-417-11	CARBON	1K	5%	1/4W	
R583	1-249-417-11	CARBON	1K	5%	1/4W	
R633	1-249-417-11	CARBON	1K	5%	1/4W	
R683	1-249-417-11	CARBON	1K	5%	1/4W	
R733	1-249-417-11	CARBON	1K	5%	1/4W	
⚠R821	1-249-393-11	CARBON	10	5%	1/4W F	
⚠R834	1-249-393-11	CARBON	10	5%	1/4W F	
		< RELAY >				
RY802	1-515-920-11	RELAY (24V)				
RY808	1-515-793-11	RELAY				
RY809	1-515-793-11	RELAY				
RY810	1-515-793-11	RELAY				
		< TERMINALBOARD >				
TM502	1-694-842-12	TERMINAL BOARD (SP) (FRONT SPEAKERS)				

Ref. No.	Part No.	Description				Remark
	A-4476-470-A	SW BOARD, COMPLETE (DB870)				
	A-4476-501-A	SW BOARD, COMPLETE (DB1070)				
		**********				
		< CONNECTOR >				
CN1901	1-784-806-11	HOUSING, CONNECTOR (PC BOARD) 13P				
		< LED >				
D1901	8-719-032-98	LED SEL5820A-TP15 (LEVEL)				
D1902	8-719-032-98	LED SEL5820A-TP15 (SURR)				
D1903	8-719-032-98	LED SEL5820A-TP15 (EQ)				
D1904	8-719-032-98	LED SEL5820A-TP15 (NAME)				
D1905	8-719-032-98	LED SEL5820A-TP15 (SET UP)				
		< RESISTOR >				
R1902	1-249-417-11	CARBON	1K	5%	1/4W	
R1903	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1904	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1905	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1906	1-249-429-11	CARBON	10K	5%	1/4W	
R1907	1-249-433-11	CARBON	22K	5%	1/4W	
R1908	1-249-437-11	CARBON	47K	5%	1/4W	
R1912	1-249-417-11	CARBON	1K	5%	1/4W	
R1913	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1914	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1915	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1916	1-249-429-11	CARBON	10K	5%	1/4W	
R1917	1-249-433-11	CARBON	22K	5%	1/4W	
R1918	1-249-437-11	CARBON	47K	5%	1/4W	
R1922	1-249-417-11	CARBON	1K	5%	1/4W	
R1923	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1924	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1925	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1931	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1932	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1933	1-249-429-11	CARBON	10K	5%	1/4W	
R1934	1-249-433-11	CARBON	22K	5%	1/4W	
R1941	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1942	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1943	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1944	1-249-429-11	CARBON	10K	5%	1/4W	
R1945	1-249-433-11	CARBON	22K	5%	1/4W	
R1951	1-249-411-11	CARBON	330	5%	1/4W	
		< ROTARY RESISTOR >				
RV1901	1-418-921-11	ENCODER, ENCODER (JOG DIAL)				
		< SWITCH >				
S1901	1-762-875-21	SWITCH, KEYBOARD (ENTER)				
S1902	1-762-875-21	SWITCH, KEYBOARD (>)				
S1903	1-762-875-21	SWITCH, KEYBOARD (<)				
S1904	1-762-875-21	SWITCH, KEYBOARD (LEVEL)				
S1905	1-762-875-21	SWITCH, KEYBOARD (SURR)				
S1906	1-762-875-21	SWITCH, KEYBOARD (EQ)				
S1907	1-762-875-21	SWITCH, KEYBOARD (NAME)				
S1908	1-762-875-21	SWITCH, KEYBOARD (SET UP)				
S1911	1-762-875-21	SWITCH, KEYBOARD (EQUALIZER)				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

SW VIDEO

Ref. No.	Part No.	Description	Remark
S1912	1-762-875-21	SWITCH, KEYBOARD (STREAM INFO (DB870), 2ND ROOM (DB1070))	
S1913	1-762-875-21	SWITCH, KEYBOARD (TEST TONE)	
S1914	1-762-875-21	SWITCH, KEYBOARD (PTY SELECT + (AEP, UK), TUNING +)	
S1915	1-762-875-21	SWITCH, KEYBOARD (TUNING –) (PTY SELECT – (AEP, UK), TUNING –)	
S1916	1-762-875-21	SWITCH, KEYBOARD (SLEEP (CH, CND, E, US), RDS/PTY (AEP, UK)	
S1917	1-762-875-21	SWITCH, KEYBOARD (FM MODE)	
S1918	1-762-875-21	SWITCH, KEYBOARD (MEMORY)	
S1921	1-762-875-21	SWITCH, KEYBOARD (6.1CH DECODING)	
S1922	1-762-875-21	SWITCH, KEYBOARD (CINEMA STUDIO EX)	
S1923	1-762-875-21	SWITCH, KEYBOARD (DIGITAL CONCERT HALL)	
S1924	1-762-875-21	SWITCH, KEYBOARD (2CH)	
S1925	1-762-875-21	SWITCH, KEYBOARD (A.F.D.)	
S1931	1-762-875-21	SWITCH, KEYBOARD (MODE –)	
S1932	1-762-875-21	SWITCH, KEYBOARD (NIGHT MODE)	
S1933	1-762-875-21	SWITCH, KEYBOARD (MULTI/2CH A.DIRECT)	
S1934	1-762-875-21	SWITCH, KEYBOARD (MODE +)	
S1941	1-762-875-21	SWITCH, KEYBOARD (ON SCREEN) (DB1070)	
S1942	1-762-875-21	SWITCH, KEYBOARD (FM/AM)	
S1943	1-762-875-21	SWITCH, KEYBOARD (SHIFT)	
S1944	1-762-875-21	SWITCH, KEYBOARD (PRESET TUNING –)	
S1945	1-762-875-21	SWITCH, KEYBOARD (PRESET TUNING +)	
**********			
	A-4476-477-A	VIDEO BOARD, COMPLETE (DB870: CND)	
	A-4476-492-A	VIDEO BOARD, COMPLETE (DB870: AEP, UK)	
	A-4476-505-A	VIDEO BOARD, COMPLETE (DB1070: CND, US)	
	A-4476-516-A	VIDEO BOARD, COMPLETE (DB1070: AEP, CH, E2, E3, KR, MY, SP, CH, TW, UK)	
		**********	
		< CAPACITOR >	

Ref. No.	Part No.	Description			Remark
C301	1-126-935-11	ELECT	470uF	20%	10V (CND, US)
C302	1-126-935-11	ELECT	470uF	20%	10V (CND, US)
C303	1-126-935-11	ELECT	470uF	20%	10V (CND, US)
C304	1-128-803-11	CERAMIC	33PF	5%	50V (CND, US)
C305	1-128-803-11	CERAMIC	33PF	5%	50V (CND, US)
C307	1-128-803-11	CERAMIC	33PF	5%	50V (CND, US)
C308	1-126-964-11	ELECT	10uF	20%	50V (CND, US)
C309	1-126-964-11	ELECT	10uF	20%	50V (CND, US)
C310	1-126-964-11	ELECT	10uF	20%	50V (CND, US)
C311	1-126-964-11	ELECT	10uF	20%	50V (CND, US)
C312	1-126-964-11	ELECT	10uF	20%	50V (CND, US)
C313	1-126-964-11	ELECT	10uF	20%	50V (CND, US)
C314	1-126-935-11	ELECT	470uF	20%	10V (DB1070)
C315	1-126-935-11	ELECT	470uF	20%	10V (DB1070)
C316	1-162-199-31	CERAMIC	10PF	5%	50V (DB1070: AEP, CH, E, UK)
C318	1-126-960-11	ELECT	1uF	20%	50V (DB1070)
C319	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070)
C320	1-128-802-11	CERAMIC	27PF	5%	50V (DB1070: AEP, CH, E, UK)
C322	1-162-199-31	CERAMIC	10PF	5%	50V (DB1070)
C323	1-128-802-11	CERAMIC	27PF	5%	50V (DB1070)
C324	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070)
C325	1-128-803-11	CERAMIC	33PF	5%	50V (DB1070)
C326	1-162-205-31	CERAMIC	18PF	5%	50V (DB1070)
C328	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070)
C329	1-128-809-11	CERAMIC	100PF	5%	50V (DB1070)
C330	1-126-964-11	ELECT	10uF	20%	50V (DB1070)
C331	1-126-964-11	ELECT	10uF	20%	50V (DB1070)
C332	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070: AEP, CH, E, UK)
C333	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070)
C335	1-128-805-11	CERAMIC	47PF	5%	50V
C336	1-128-805-11	CERAMIC	47PF	5%	50V
C337	1-128-805-11	CERAMIC	47PF	5%	50V
C339	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070)
C340	1-126-927-11	ELECT	2200uF	20%	10V (DB1070)
C341	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070)
C342	1-128-805-11	CERAMIC	47PF	5%	50V
C343	1-128-805-11	CERAMIC	47PF	5%	50V
C344	1-128-805-11	CERAMIC	47PF	5%	50V
C345	1-128-805-11	CERAMIC	47PF	5%	50V
C346	1-126-964-11	ELECT	10uF	20%	50V
C347	1-126-964-11	ELECT	10uF	20%	50V
C348	1-126-964-11	ELECT	10uF	20%	50V
C349	1-126-964-11	ELECT	10uF	20%	50V
C350	1-127-888-11	CERAMIC	0.1uF	10%	50V (DB1070)
C351	1-127-868-11	CERAMIC	2200PF	10%	50V
C352	1-127-868-11	CERAMIC	2200PF	10%	50V
C353	1-127-868-11	CERAMIC	2200PF	10%	50V
C354	1-127-888-11	CERAMIC	0.1uF	10%	50V
C355	1-126-964-11	ELECT	10uF	20%	50V (DB1070)
C358	1-127-888-11	CERAMIC	0.1uF	10%	50V

VIDEO

Ref. No.	Part No.	Description	Remark
C359	1-127-888-11	CERAMIC 0.1uF 10% 50V	(DB1070: AEP, CH, E, UK)
C360	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C361	1-126-916-11	ELECT 1000uF 20% 6.3V	(DB1070: AEP, CH, E, UK)
C362	1-126-964-11	ELECT 10uF 20% 50V	(DB1070)
C363	1-126-964-11	ELECT 10uF 20% 50V	
C364	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C365	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C366	1-126-964-11	ELECT 10uF 20% 50V	(DB1070)
C367	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C368	1-126-960-11	ELECT 1uF 20% 50V	(DB1070: AEP, CH, E, UK)
C369	1-128-805-11	CERAMIC 47PF 5% 50V	
C370	1-127-888-11	CERAMIC 0.1uF 10% 50V	(DB1070: AEP, CH, E, UK)
C372	1-126-916-11	ELECT 1000uF 20% 6.3V	(DB1070: AEP, CH, E, UK)
C373	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C374	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C375	1-126-964-11	ELECT 10uF 20% 50V	(DB1070)
C376	1-126-960-11	ELECT 1uF 20% 50V	(DB1070: AEP, CH, E, UK)
C377	1-127-888-11	CERAMIC 0.1uF 10% 50V	(DB1070)
C378	1-127-888-11	CERAMIC 0.1uF 10% 50V	
C379	1-127-888-11	CERAMIC 0.1uF 10% 50V	(CND, US)
C380	1-127-888-11	CERAMIC 0.1uF 10% 50V	(CND, US)
C381	1-127-888-11	CERAMIC 0.1uF 10% 50V	(CND, US)
C382	1-127-888-11	CERAMIC 0.1uF 10% 50V	(CND, US)
		< CONNECTOR >	
CN301	1-573-846-11	CONNECTOR, BOARD TO BOARD 14P	(DB1070: AEP, CH, E, UK)
CN301	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P	(DB870: AEP, UK)
CN301	1-784-039-21	CONNECTOR, BOARD TO BOARD 19P	(CND, US)
CN302	1-564-505-11	PLUG, CONNECTOR 2P	
CN303	1-568-830-11	CONNECTOR, FFC 11P (DB870: AEP, UK)	
CN303	1-568-838-11	CONNECTOR, FFC 21P (CND, US)	
CN303	1-784-776-11	CONNECTOR, FFC 15P	(DB1070: AEP, CH, E, UK)
* CN306	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P (DB1070)	
		< TRIMMER >	
CT301	1-141-442-11	CAP, CERAMIC TRIMMER 20PF	(DB1070: AEP, CH, E, UK)
CT302	1-141-442-11	CAP, CERAMIC TRIMMER 20PF (DB1070)	
CT303	1-141-442-11	CAP, CERAMIC TRIMMER 20PF (DB1070)	
		< DIODE >	
D301	8-719-911-19	DIODE 1SS199-25 (DB1070)	
D303	8-719-911-19	DIODE 1SS199-25	
D304	8-719-911-19	DIODE 1SS199-25	
		< FERRITE BEAD/NOISE FILTER >	
FB303	1-412-911-11	FERRITE 0uH (DB1070)	
FL301	1-424-543-11	FERRITE 0uH	(DB1070: AEP, CH, E, UK)
FL302	1-424-543-11	FERRITE 0uH (DB1070)	
FL303	1-424-543-11	FERRITE 0uH	(DB1070: AEP, CH, E, UK)
FL304	1-416-300-21	FILTER, NOISE (DB1070)	
FL305	1-416-300-21	FILTER, NOISE (DB1070)	
		< IC >	
IC301	6-700-051-01	IC OPA2652 (CND, US)	
IC302	6-700-051-01	IC OPA2652 (CND, US)	
IC303	8-759-231-66	IC TC74HC4053AP (CND, US)	
IC304	8-759-917-18	IC SN74HCU04AN (DB1070)	
IC305	8-759-666-34	IC BA7622 (DB1070)	
IC306	8-759-232-01	IC TC74HC00AP (DB1070: AEP, CH, E, UK)	
IC307	6-700-367-01	IC MB90089F-G-238-BND (DB1070)	
IC308	8-759-529-20	IC NJM2296D	
IC309	8-759-822-05	IC LA7213 (DB1070: AEP, CH, E, UK)	
IC310	8-759-036-90	IC MC74ACT08N (DB1070)	
IC311	8-759-822-05	IC LA7213 (DB1070: AEP, CH, E, UK)	
IC312	8-759-036-90	IC MC74ACT08N	
		< JACK >	
J301	1-794-313-11	JACK, PIN (BLOCK) 9P (COMPONENT VIDEO MONITOR OUT, TV/SAT IN, DVD/LD IN)	(DB1070: CND, US)
J301	1-815-573-11	JACK, PIN BLOCK 9P (COMPONENT VIDEO MONITOR OUT, TV/SAT IN, DVD/LD IN)	
J302	1-794-970-11	JACK, PIN 1P (MONITOR OUT VIDEO) (DB870)	
J302	1-794-971-11	JACK, PIN 1P (MONITOR OUT VIDEO)	(DB1070)
J303	1-563-330-11	JACK (CONTROL A1 II)	
J304	1-794-978-11	JACK, PIN 3P (VIDEO 2 IN VIDEO, VIDEO 1 IN/OUT VIDEO) (DB870)	
J304	1-794-979-11	JACK, PIN 3P (VIDEO 2 IN VIDEO, VIDEO 1 IN/OUT VIDEO) (DB1070)	
J305	1-794-978-11	JACK, PIN 3P (TV/SAT IN VIDEO,DVD/LD IN VIDEO, VIDEO OUT 2 VIDEO) (DB870)	
J305	1-794-979-11	JACK, PIN 3P (TV/SAT IN VIDEO, DVD/LD IN VIDEO, VIDEO OUT 2 VIDEO) (DB1070)	
		< COIL >	
L301	1-410-973-11	INDUCTOR 22uH (DB1070)	
		< TRANSISTOR >	
Q302	8-729-900-80	TRANSISTOR DTC124ES (CND, US)	
Q304	8-729-119-79	TRANSISTOR 2SC2785-FEK (DB1070)	
Q305	8-729-119-79	TRANSISTOR 2SC2785-FEK (DB1070)	
		< RESISTOR >	
R301	1-247-804-11	CARBON 75 5% 1/4W	(CND, US)
R302	1-247-804-11	CARBON 75 5% 1/4W	(CND, US)
R303	1-247-804-11	CARBON 75 5% 1/4W	(CND, US)

VIDEO | VIDEO 3

Ref. No.	Part No.	Description			Remark
R304	1-247-804-11	CARBON	75	5%	1/4W (CND, US)
R305	1-247-804-11	CARBON	75	5%	1/4W (CND, US)
R306	1-247-804-11	CARBON	75	5%	1/4W (CND, US)
R307	1-247-804-11	CARBON	75	5%	1/4W (CND, US)
R308	1-249-417-11	CARBON	1K	5%	1/4W (CND, US)
R309	1-247-804-11	CARBON	75	5%	1/4W (CND, US)
R310	1-247-804-11	CARBON	75	5%	1/4W (CND, US)
R311	1-249-417-11	CARBON	1K	5%	1/4W (CND, US)
R312	1-249-417-11	CARBON	1K	5%	1/4W (CND, US)
R313	1-249-411-11	CARBON	330	5%	1/4W (CND, US)
R314	1-249-433-11	CARBON	22K	5%	1/4W (CND, US)
R315	1-249-411-11	CARBON	330	5%	1/4W (CND, US)
R316	1-249-433-11	CARBON	22K	5%	1/4W (CND, US)
R317	1-247-903-00	CARBON	1M	5%	1/4W (DB1070: AEP, CH, E, UK)
R318	1-247-804-11	CARBON	75	5%	1/4W (DB1070: AEP, CH, E, UK)
R319	1-249-411-11	CARBON	330	5%	1/4W (DB1070: AEP, CH, E, UK)
R320	1-249-417-11	CARBON	1K	5%	1/4W (DB1070)
R321	1-249-417-11	CARBON	1K	5%	1/4W (DB1070)
R322	1-249-417-11	CARBON	1K	5%	1/4W (DB1070)
R323	1-247-804-11	CARBON	75	5%	1/4W (DB1070: AEP, CH, E, UK)
R324	1-247-903-00	CARBON	1M	5%	1/4W (DB1070)
R325	1-249-429-11	CARBON	10K	5%	1/4W (CND, US)
R326	1-249-411-11	CARBON	330	5%	1/4W (CND, US)
R327	1-249-411-11	CARBON	330	5%	1/4W (DB1070)
R328	1-247-807-31	CARBON	100	5%	1/4W (DB1070)
R329	1-249-393-11	CARBON	10	5%	1/4W (DB1070)
R330	1-249-393-11	CARBON	10	5%	1/4W (DB1070)
R331	1-249-417-11	CARBON	1K	5%	1/4W (DB1070)
R332	1-247-807-31	CARBON	100	5%	1/4W (DB1070: AEP, CH, E, UK)
R333	1-249-425-11	CARBON	4.7K	5%	1/4W (DB1070)
R334	1-247-807-31	CARBON	100	5%	1/4W (DB1070: CND, US)
R335	1-247-804-11	CARBON	75	5%	1/4W (DB1070: AEP, CH, E, UK)
R336	1-247-804-11	CARBON	75	5%	1/4W (DB1070: AEP, CH, E, UK)
R337	1-249-411-11	CARBON	330	5%	1/4W (CND, US)
R338	1-247-804-11	CARBON	75	5%	1/4W
R339	1-247-804-11	CARBON	75	5%	1/4W
R340	1-247-804-11	CARBON	75	5%	1/4W
R341	1-247-804-11	CARBON	75	5%	1/4W
R342	1-247-804-11	CARBON	75	5%	1/4W
R343	1-249-437-11	CARBON	47K	5%	1/4W (DB1070)
R344	1-247-804-11	CARBON	75	5%	1/4W
R345	1-249-437-11	CARBON	47K	5%	1/4W (DB1070)
R346	1-247-804-11	CARBON	75	5%	1/4W
R347	1-249-424-11	CARBON	3.9K	5%	1/4W (DB1070)
R348	1-249-437-11	CARBON	47K	5%	1/4W (DB1070)
R349	1-249-418-11	CARBON	1.2K	5%	1/4W (DB1070)
R350	1-249-437-11	CARBON	47K	5%	1/4W (DB1070)
R351	1-247-804-11	CARBON	75	5%	1/4W
R352	1-249-411-11	CARBON	330	5%	1/4W (DB1070: AEP, CH, E, UK)
R353	1-247-883-00	CARBON	150K	5%	1/4W (DB1070: AEP, CH, E, UK)
R354	1-249-411-11	CARBON	330	5%	1/4W (CND, US)
R355	1-249-411-11	CARBON	330	5%	1/4W (DB1070: AEP, CH, E, UK)
R356	1-247-883-00	CARBON	150K	5%	1/4W (DB1070: AEP, CH, E, UK)
R357	1-247-807-31	CARBON	100	5%	1/4W (CND, US)
R358	1-249-433-11	CARBON	22K	5%	1/4W (CND, US)
R359	1-249-411-11	CARBON	330	5%	1/4W (CND, US)
		< VIBRATOR >			
X301	1-781-820-21	VIBRATOR, CRYSTAL (17.34MHz) (DB1070: AEP, CH, E, UK)			
X302	1-781-821-21	VIBRATOR, CRYSTAL (14MHz) (DB1070)			
**********					
	1-681-104-11	VIDEO 3 BOARD			
		**********			
		< CAPACITOR >			
C293	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C294	1-162-302-11	CERAMIC	0.0022uF	30%	16V
		< CONNECTOR >			
CN299	1-784-923-11	PIN, CONNECTOR 7P			
* EB299	1-537-738-21	TERMINAL, EARTH			

VIDEO 3 | VIDEO AU | V.SWITCH

Ref. No.	Part No.	Description			Remark
		< JACK >			
J298	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 3 INPUT VIDEO/AUDIO)			
J299	1-784-808-11	TERMINAL, S (VIDEO 3 INPUT S-VIDEO)			
		< RESISTOR >			
R298	1-249-417-11	CARBON	1K	5%	1/4W
R299	1-249-417-11	CARBON	1K	5%	1/4W
**********					
	1-681-096-11	VIDEO AU BOARD **********			
		< CAPACITOR >			
C201	1-127-868-11	CERAMIC	2200PF	10%	50V
C202	1-127-868-11	CERAMIC	2200PF	10%	50V
C211	1-127-868-11	CERAMIC	2200PF	10%	50V
C212	1-127-868-11	CERAMIC	2200PF	10%	50V
C213	1-128-809-11	CERAMIC	100PF	5%	50V
		< CONNECTOR >			
CN201	1-568-441-11	SOCKET, CONNECTOR 9P			
* CN202	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< IC >			
IC201	8-759-582-65	IC TC9273N-014			
		< JACK >			
J201	1-774-411-11	JACK, PIN 6P (TV/SAT AUDIO IN, DVD/LD AUDIO IN, VIDEO 2 AUDIO OUT) (DB870)			
J201	1-794-984-11	JACK, PIN 6P (TV/SAT AUDIO IN, DVD/LD AUDIO IN, VIDEO 2 AUDIO OUT) (DB1070)			
J202	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO IN/OUT) (DB870)			
J202	1-794-984-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO IN/OUT) (DB1070)			
		< RESISTOR >			
R201	1-249-417-11	CARBON	1K	5%	1/4W
R202	1-249-417-11	CARBON	1K	5%	1/4W
R203	1-249-421-11	CARBON	2.2K	5%	1/4W
R204	1-249-417-11	CARBON	1K	5%	1/4W
R205	1-249-421-11	CARBON	2.2K	5%	1/4W
R206	1-249-417-11	CARBON	1K	5%	1/4W
R211	1-249-417-11	CARBON	1K	5%	1/4W
R251	1-249-417-11	CARBON	1K	5%	1/4W
R252	1-249-417-11	CARBON	1K	5%	1/4W
R253	1-249-421-11	CARBON	2.2K	5%	1/4W
R254	1-249-417-11	CARBON	1K	5%	1/4W
R255	1-249-421-11	CARBON	2.2K	5%	1/4W
R256	1-249-417-11	CARBON	1K	5%	1/4W
**********					

Ref. No.	Part No.	Description	Remark
	1-681-106-11	V.SWITCH BOARD (E2, E3) **********	
	1-533-217-31	HOLDER, FUSE	
		< CONNECTOR >	
CN49	1-568-106-11	PIN, CONNECTOR 4P	
		< FUSE >	
⚠F49	1-532-504-51	FUSE (T4AL/250V)	
		< SWITCH >	
⚠VS49	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)	
**********			
		MISCELLANEOUS **********	
62	1-765-352-11	WIRE (FLAT TYPE) (31 CORE)	
64	1-773-105-11	WIRE (FLAT TYPE) (19 CORE) (CND, US)	
160	1-769-904-11	WIRE (FLAT TYPE) (9 CORE)	
164	1-693-539-21	TUNER (DB870: CND/DB1070: CND, E2, E3, US)	
164	1-693-540-21	TUNER(DB870: AEP, UK/ DB1070: AEP, CH, KR, MY, SP, TW, UK)	
203	1-773-143-11	WIRE (FLAT TYPE) (21 CORE) (CND, US)	
204	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (DB870)	
204	1-773-003-11	WIRE (FLAT TYPE) (15 CORE) (DB1070)	
⚠210	1-769-079-21	CORD, POWER (KR)	
⚠210	1-769-743-11	CORD, POWER (CND)	
⚠210	1-777-071-21	CORD, POWER (DB870: AEP, UK/ DB1070:AEP, E2, E3, MY, SP, TW, UK)	
⚠210	1-782-464-21	CORD, POWER (CH)	
⚠210	1-783-820-11	CORD, POWER (US)	
⚠T901	1-437-324-11	TRANSFORMER, POWER (TW)	
⚠T901	1-437-325-11	TRANSFORMER, POWER (CND, US)	
⚠T901	1-437-327-11	TRANSFORMER, POWER (DB870: AEP, UK / DB1070: AEP, CH, KR, MY, SP, UK)	
⚠T901	1-437-328-11	TRANSFORMER, POWER (E2)	
**********			
		********** HARDWARE LIST **********	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-885-09	SCREW +BVTT 4X16 (S)	
**********			
		ACCESSORIES **********	
⚠	1-569-008-21	ADAPTOR, CONVERSION (E2, E3, TW)	
⚠	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P (UK)	
	1-476-552-21	COMMANDER, STANDARD (RM-U305A) (DB870: AEP, UK)	
	1-476-606-11	REMOTE COMMANDER (RM-PP505) (DB870: CND)	
	1-476-607-11	REMOTE COMMANDER (RM-PP505L) (DB1070: CND, US)	
	1-476-645-11	REMOTE COMMANDER (RM-LP205) (DB1070: AEP, CH, E2, E3, KR, MY, SP, TW, UK)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description	Remark
	1-501-374-11	ANTENNA, LOOP (AM)	
	1-501-594-11	ANTENNA (FM)	
	1-777-172-11	CORD, CONNECTION (CONTROL S CONNECTING CORD)	(CND,US)
	1-777-560-11	CORD, CONNECTION (AUDIO/VIDEO/ CONTROL S CONNECTING CORD)	(CND, US)
	1-793-184-21	CONNECTOR (F TYPE ADAPTOR)	(CND, E2, E3, US)
	4-228-696-01	COVER, BATTERY (for RM-U305A)	(DB870: AEP, UK)
	4-983-536-01	COVER, BATTERY (for RM-PP505, RM-PP505L)	(DB870: CND/DB1070: US, CND)
	4-210-990-01	LID, BATTERY CASE (for RM-LP205)	(DB1070: AEP, UK, E2, E3, KR, SP, MY, TW, CH)
	4-235-985-11	MANUAL, INSTRUCTION (ENGLISH)	
	4-235-985-21	MANUAL, INSTRUCTION (FRENCH)	(DB870: AEP, CND/ DB1070: AEP, CND, E2, E3, MY, SP)
	4-235-985-31	MANUAL, INSTRUCTION (SPANISH)	(DB870: AEP/DB1070: AEP, E2, E3, MY, SP)
	4-235-985-41	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(DB1070: E3, KR, MY, SP, TW)
	4-235-985-51	MANUAL, INSTRUCTION (SIMPLIFIED CHINESE)	(CH)
	4-235-985-61	MANUAL, INSTRUCTION (KOREAN)	(KR)
	4-235-985-71	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH)	(AEP)
	4-235-985-81	MANUAL, INSTRUCTION (ITALIAN, POLISH)	(AEP)
	4-236-327-11	MANUAL, INSTRUCTION (for RM-PP505) (ENGLISH)	(DB870: CND)
	4-236-327-21	MANUAL, INSTRUCTION (for RM-PP505) (FRENCH)	(DB870: CND)
	4-236-328-11	MANUAL, INSTRUCTION (for RM-PP505L) (ENGLISH)	(DB1070: US, CND)
	4-236-328-21	MANUAL, INSTRUCTION (for RM-PP505L) (FRENCH)	(DB1070: CND)
	4-236-383-11	MANUAL, INSTRUCTION (for RM-LP205) (ENGLISH)	(DB1070: AEP, CH, E2, E3, MY, SP, TW, UK)
	4-236-383-21	MANUAL, INSTRUCTION (for RM-LP205) (FRENCH, SPANISH)	(DB1070: AEP, E2, E3, MY, SP, TW)
	4-236-383-31	MANUAL, INSTRUCTION (for RM-LP205) (TRADITIONAL CHINESE)	(E3, MY, SP, TW)
	4-236-383-41	MANUAL, INSTRUCTION (SIMPLIFIED CHINESE)	(CH)
	4-236-383-51	MANUAL, INSTRUCTION (for RM-LP205) (KOREAN)	(KR)
	4-236-383-61	MANUAL, INSTRUCTION (for RM-LP205) (GERMAN, DUTCH, SWEDISH, ITALIAN, POLISH)	(DB1070: AEP)

MEMO

REVISION HISTORY

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Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2001.04	New
1.1	2001.07	Addition of Block Diagrams
1.2	2001.11	Addition of DSP Test Mode Addition of Electrical Adjustment (SPM-01042)
1.3	2002.04	Correction of Part No. for R414, 464, 514, 564, 614, 664 of MAIN board (SPM-02020)
1.4	2002.06	Correction of Part No. for R909, 910 of DC2 board (SPM-02038)
1.5	2003.07	Change of Part No. for Ref. No. 7 to EXPLODED VIEWS Correction of Part No. for Ref. No. TM502 of SP boaed (SPM-03050/03051)
1.6	2005.09	Change of Part No. for BATTERY CASE LID (for RM-LP205) (SPM-05062)